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U. S. Department of

MARKET-GARDENERS FLORISTS, FARMERS

SPRING, 1932

BALCONY PETUNIAS

Few of the annuals offered by us have become as popular as this simple yet splendid type of Petunia. Their freedom and purity of bloom have made them become exceedingly popular, not only for window-boxes but for borders, beds, and rock-gardens. Few, if any, of the Petunias bloom as luxuriously as this lovely type. The flowers are of good size, the plants are vigorous growers, and the colors are pure and true. We offer five distinct colors of this very popular annual.

Special Offer: Five Distinct Varieties

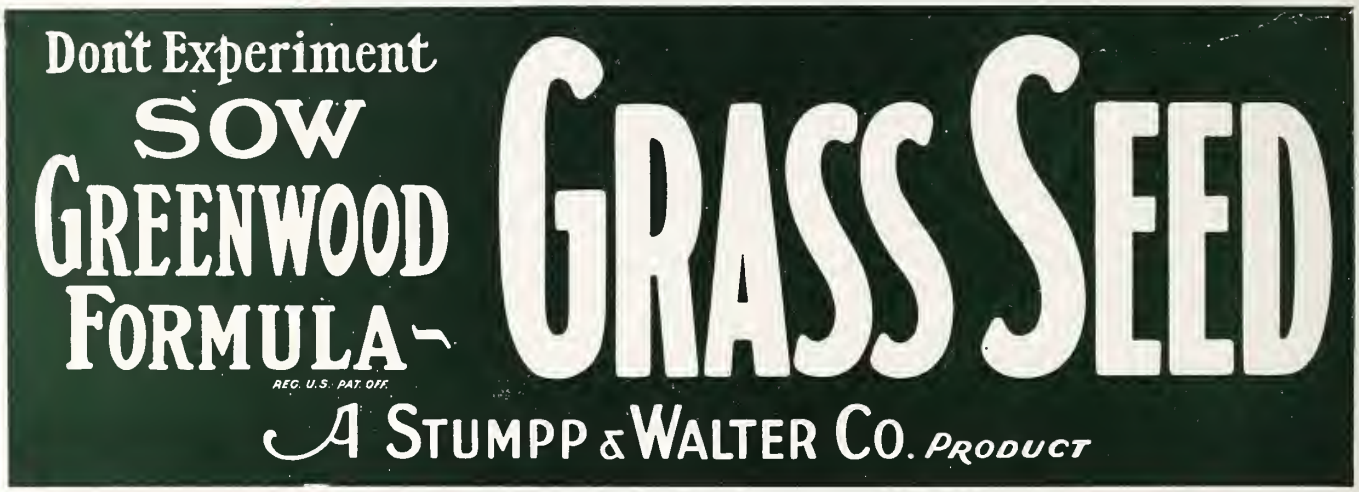
1. WHITE
2. ROSE
3. CRIMSON
4. BLUE
5. PURPLE

Trade pkt. 25 cts., ⅛oz. $1.25, ¼oz. $2, oz. $7.50

COLLECTION: One pkt. each of 5 distinct varieties **$1.00**

STUMPP & WALTER CO., Seedsmen,
132-138 Church St. (at Warren)
NEW YORK CITY

A Few Leaders for the Retail Store



MINIATURE REPRODUCTION OF FREE WINDOW STRIP

Greenwood Formula Lawn Grass Seed

After several years of careful experimenting, we have developed this formula to a point where we offer it without hesitancy to the general public through dealers as "A Stumpp & Walter Co. Product." The quality is satisfactory in every respect, containing only recleaned grasses (no Timothy) that will produce desired results. For your protection, we have registered the name with the U. S. Patent Office.

GREENWOOD is strictly a first-class formula. The ingredients are well balanced and designed to fill a two-fold need: (*a*) for the dealer who aims to supply quality goods in bulk or containers, and (*b*) the landscape man who is anxious to sow a mixture that he knows is made up of Grasses with highest tests and remachined for elimination of weeds. In spite of its superfine quality the price is right, namely,

1-lb. cartons (50 to a case) (Retail selling price 50 cts. each)	$14.00 per case
5-lb. bags (10 to a case) (Retail selling price $2.25 each)	13.50 per case
100-lb. bags	24.00 per 100 lbs.
500 lbs.	115.00 per 500 lbs.
1,000 lbs.	220.00 per 1,000 lbs.
2,000 lbs.	420.00 per 2,000 lbs.

We are unable to split cases or sell in bulk under 100-pound bags

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Posters and Window Strips furnished without charge

High-Grade CENTRAL PARK Lawn Seed

Many of the leading dealers throughout the country are beginning to realize that it is necessary to merchandise a better quality of Lawn Seed than in the past. Frequently as much as 85 cents per pound is charged, which is not exorbitant where the quality is very high. Most Lawn Mixtures average only 8 ounces to the quart; we are offering a high-quality Lawn Seed which runs 22 pounds to the bushel.

PUT UP IN ATTRACTIVE CARTONS TO SELL OVER YOUR COUNTER

	Per doz.	Per case (36)	Retail price, each
Pints	$2 00	$5 00	$0 25
Quarts	3 50	9 00	45
4-quart packages	12 50		1 50

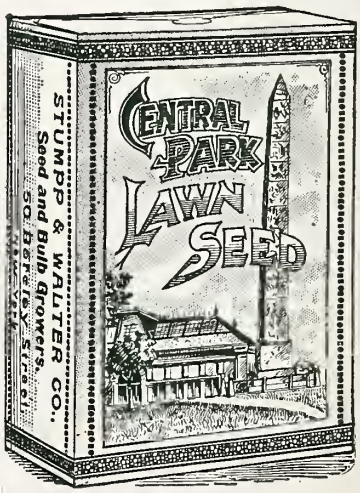
WHITE CLOVER (For Lawns)

	Doz.	100
Packets. Retailing at 10 cts	$0 85	$6 00
¼ Pounds. Retailing at 25 cts	2 00	15 00

FERTILIZERS AND INSECT DESTROYERS

	Carton	5 cartons	10 cartons	Selling price, each
SAWCO Sheep Manure. 2-lb. packages, 24 to a carton	$4 00	$18 00	$35 00	$0 25
SAWCO Sheep Manure. 5-lb. packages, 12 to a carton	4 00	18 00	35 00	50
SAWCO Sheep Manure. 10-lb. packages, 6 to a carton	3 50	16 00	31 00	90
SAWCO Bone Fertilizer. 5-lb. packages, 12 to a carton	4 00	18 00	35 00	50
SAWCO Bone Fertilizer. 10-lb. packages, 6 to a carton	3 50	16 00	31 00	90
SAWCO Emerald Grass Fertilizer. 5-lb. packages, 12 to a carton	4 00	18 00	35 00	50
SAWCO General Garden. 5-lb. packages, 12 to a carton	4 00	18 00	35 00	50
SAWCO Hydrated Lime. 5-lb. packages, 12 to a carton	2 50	11 25	22 50	35
SAWCO Nitrate of Soda. 1-lb. packages, 24 to a carton	4 00	18 00	35 00	25
S. & W. Co.'s Sulpho-Tobacco Soap. 3-oz. packages, 24 to a carton	2 70	10 80	20 50	25
S. & W. Co.'s Kilmdead Tobacco Dust. 1-lb. packages, 36 to a carton	5 75	26 50	50 00	25
S. & W. Co.'s Kilmdead Tobacco Dust. 5-lb. packages, 12 to a carton	5 75	25 00	47 50	75
S. & W. Co.'s Kilmdead Tobacco Dust. 10-lb. packages, 6 to a carton	5 00	22 00	42 00	1 25
S. & W. Co.'s Flowers of Sulphur. 1-lb. packages, 24 to a carton	4 00	18 00	35 00	25
SENOLED. 1-lb. packages, 24 to a carton	5 00	23 00	45 00	35

THESE PRICES APPLY FOR ORIGINAL CARTONS ONLY



DEC 17 1931 ©CIA A 84944

Our new Headquarters: 132–138 Church St. (at Warren), New York City

OUR NEW BUILDING IS EFFICIENT

It is Designed Especially for Our Business

The United States Government has taken over our old location at 30 and 32 Barclay Street and 40 Vesey Street, New York. The entire block, of which our old store and warehouse form a part, will be occupied by a new post office to be erected there.

So we had to move, and we selected the corner of Church and Warren Streets, three short blocks to the north. Here we have erected a nine-floor building, planned exactly to fit our needs, and we have made it one of the most modern seed, bulb, and garden-supply establishments in the country.

Each floor has an area of 5000 square feet, giving us ample storage space, while express elevator installations will enable us to make our shipments with the utmost speed. Thus, we can take advantage of our close proximity to all important freight and express terminals and steamship piers; you may rely upon shipment the same day your order is received.

Our sales department, with display windows on both Church and Warren Streets, will be one of the largest, as well as one of the most attractive seed-stores in the country.

We hope you will visit us in our new quarters after February 1. We are easy to find. If driving, we are a short run south of the Holland Tunnels, and, as before, only a block from Broadway; we still are near the Woolworth Building, one of the downtown landmarks.

The B. M. T., Seventh Avenue and new Eighth Avenue subways have stations very close to Church and Warren Streets, as also have the Sixth and Ninth Avenue elevated roads. Brooklyn Bridge, with its subway, elevated, and trolleys is but a short walk away.

LOWER PRICES

The 1931 seed harvest was mostly an abundant one, and our production costs have been reduced somewhat. We are glad to be able to pass these savings along to our customers, and would draw attention to the reduced prices of many vegetable and flower seeds, grass seeds, and bulbs in this Catalogue.

TERMS OF BUSINESS

Delivery.—When cash accompanies order, we deliver by truck, mail, express, or freight, at our option, all Vegetable and Flower Seeds. Customer pays transportation on Bulbs, Grass Seeds, Field Seeds, Implements, Fertilizers, Plants, and Potatoes.

Terms.—It is always a pleasure to open charge accounts with parties of approved credit, basis of 60 days net. Three per cent discount allowed for cash with order.

Packing.—We make no charges for cases or packing, only for cotton and burlap bags; these we invoice at cost and make full allowance when returned, prepaid, in good condition.

Remittances should be made by Draft on Bank, Post-Office Order, Registered Letter, or Express Money Order. Particular care is essential in having name, post office, county, and state distinctly written; we are in receipt of many orders deficient in these important particulars.

Non-Warranty.—We, Stumpp & Walter Co., give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.

Prices subject to change without notice
All claims must be made within 5 days after receipt of goods

GEORGE G. STUMPP, *President*
JULIAN H. WALTER, *Vice-President and Treasurer*
GEORGE O. STUMPP, *Vice-President*

Stumpp & Walter Co.

WILLIAM A. SPERLING, *Secretary*
THOMAS F. KEARNEY, *Assistant Treasurer*
ALEX. E. SEHLMEYER, *Assistant Secretary*

132-138 CHURCH STREET (AT WARREN) : NEW YORK CITY

TELEPHONE: BARCLAY 7-1110

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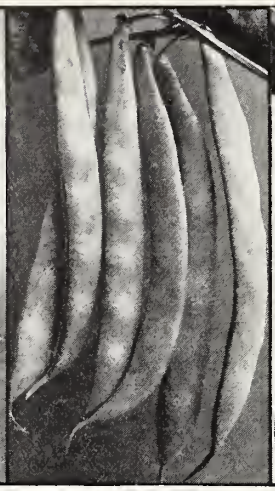
N. Y. Improved Celeriac



Bountiful Beans

Early Giant Bush Lima Beans

Early Wonder Beet

New York Market Broccoli

S. & W. Co.'s Novelties and

Super Stocks

While pages 2, 3, 4, and 5 include some distinct novelties in Vegetables, they list essentially the unusually meritorious stocks of standard varieties for the market-growers—strains that have met with increased favor each season—and we hope that you will compare them with stocks you are now using.

Fordhook Bush Lima Bean

Long Island Grown Seed

While we can offer only in limited quantities, we have developed on our farm on Long Island an improved stock of the Fordhook Bush Lima. The pods are longer, are better filled, and the plants vigorous. Being acclimated to weather conditions of New York, they will yield a better crop. **5 lbs. $2.25, 15 lbs. $6, bus. (60 lbs.) $21.**

Early Giant Bush Lima Bean

A quick-growing variety The short period in which this Bean matures enables it to be *grown for succession*, sowings being made from May 15 to July 10 in the neighborhood of New York. Othe: varieties of Lima Beans take so long to mature that more than one seeding is barely practicable with them. The flavor of this variety is particularly refined, and the fine, luscious Beans, which are large, thick, and flat, are produced in remarkable quantity. **5 lbs. $2, 15 lbs. $5, bus. (60 lbs.) $18, 10 bus. $170.**

Copenhagen Market Cabbage

Bountiful Bean

A popular market-grower's variety that is stringless. The best flat-podded Bean, very prolific and a continuous bearer. It is tender and of delicious flavor, as stringless as the breeder has been able to make a flat-podded Bean, which means that the pods are stringless until they reach a length of 5 inches. Our stock has been grown specially for seed stock. **5 lbs. $1.35, 15 lbs. $3.50, bus. (60 lbs.) $10, 10 bus. $90.**

Asgrow Valentine Bean (New)

A stringless Black Valentine Bean. It has all the fine merits of Black Valentine, being quick-growing, hardy, prolific, and a good shipper, but stringless. This Bean is sure to become very popular. Only limited quantities available this year. **2 lbs. $1.25, 5 lbs. $2.25, 15 lbs. $6, bus. (60 lbs.) $20.**

Sure Crop Stringless Wax Bean

This is a new Bean of fine quality. It produces quickly a supply of thick, flat, golden yellow pods that are entirely stringless. The plants are of medium size. Seeds black. **5 lbs. $1.50, 15 lbs. $3.65, bus. (60 lbs.) $12, 10 bus. $110.**

Early Wonder Beet

A variety which has gained wide popularity among market-gardeners. It may be sown early, and it matures very rapidly. It is so uniform in growth that the crop can be lifted practically at one time, yielding the land early and quickly for the second crop. The root is nearly globular in shape, slightly flattened. The leaves are of medium size, and the color of the flesh is deep blood-red. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $12.50.**

New York Market Broccoli

(True Italian Strain)

The sprouting Broccolis furnish delicious boiling greens during summer, autumn, and early winter. The very choice variety which we offer has green, tender shoots, and each plant produces an abundance of firm heads. Cultivation is the same as that for cabbage, sowing from March to early July, transplanting later, 2 feet or more apart. Broccoli is preferred by many to cauliflower. **RESELECTED STOCK, ¼oz. $1, ½oz. $1.75, oz. $3, ¼lb. $10. Imported seed of proved quality, ½oz. $1, oz. $1.75, ¼lb. $4.50, lb. $15.**

Copenhagen Market Cabbage

The best of all early Cabbages. Stands longer without bursting than other early sorts. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the extra-early varieties, and if left until fully mature, frequently weighs 8 to 10 pounds. The leaves are small, compact, and close to the head, so it will stand close planting. The inside is fine-grained, tender, pure white, and compact. A leader. **½oz. 45 cts., oz. 80 cts., ¼lb. $2, lb. $6.**

Celeriac, New York Improved

A good clean bulb, smooth, free from fibrous roots, and uniform in shape. This fine type is the selection of a well-known market-gardener in the New York district and is grown for us exclusively. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

Bokay Celery | Golden Plume Celery | Rubicore Carrot | Midget Sweet Corn | Sicilian Fennel

Specialties in Vegetable Seeds

Rubicore Carrot (New)

A superior strain of Chantenay with small red cores which are nearly the same color as the flesh, giving it the general appearance of being coreless. Tops are shorter than regular Chantenay, but strong enough to bunch easily. Roots are 5½ to 6 inches in length, 2 to 2½ inches at the shoulder, narrowing gradually to a blunt end. Rubicore is smooth, free from side rootlets, tender, sweet, of fine flavor and excellent table quality. This Carrot is sure to bring a premium in the market. Excellent for canners, market-growers, and shippers. **Oz. 35 cts., ¼lb. 90 cts., lb. $2.50.**

Perfection Carrot

A fine variety for late summer and fall marketing. It is of deep orange color, practically coreless, cylindrical in shape, about 7 to 8 inches long, with tops short but good for bunching. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

The Best Early Cauliflower, S. & W. Co.'s Best of All

The easiest grown and surest heading Cauliflower offered today. In habit the plant is very dwarf, stocky, and erect. It has very few outer leaves and, as a consequence, the young Cauliflower plants may be planted less than 2 feet apart each way. All that is necessary is to select suitable soil, when every plant will form a large, solid, perfect head of the finest table quality and of handsome appearance. **⅛oz. 85 cts., ¼oz. $1.50, ½oz. $2.50, oz. $4.**

New Celery, Bokay

Our New Introduction to Celery-Growers

Exhaustive tests have proved this to be the finest green Celery on the market today. Bokay has been developed from our Earligreen. The ribs are about the same length as our Golden Plume (which we also introduced), and are more fleshy and rounder than the Easy-Blanching. It has a good golden heart and the bouquet effect of the green ribs with the beautiful heart induced us to name this new variety Bokay. Bokay is hardy, withstanding frost and drought better than other varieties, and you will find it a very desirable sort for the trade wanting a good green Celery without bleaching. Bokay has good height, making it desirable for shipping in crates. **Pkt. 25 cts., ¼oz. 75 cts., ½oz. $1.35, oz. $2.50, ¼lb. $7.50, lb. $25.**

Golden Plume Celery

Golden Plume Celery fills a want that both amateur and professional gardeners have long felt. It is a much-improved form of Golden Self-Blanching, and the improvements are (*a*) superior eating quality, (*b*) wonderful golden color, (*c*) marked resistance to blight and rust, (*d*) earlier maturity, (*e*) superior keeping qualities, (*f*) increased size. It possesses a fine, nut-like flavor, and is handsome in appearance. We offer the **Raiser's original strain. Pkt. 25 cts., ¼oz. $1, ½oz. $1.75, oz. $3, ¼lb. $9, lb. $30. Home-grown seed of Golden Plume, pkt. 15 cts., ½oz. $1, oz. $1.50, ¼lb. $4.50, lb. $15.**

Golden Gem Corn

The earliest golden Corn on the market. It is at least two weeks earlier than Golden Bantam, with ears a trifle larger but of same fine eating quality. **½lb. 30 cts., lb. 55 cts., 2 lbs. $1, 5 lbs. $2.25.**

S. & W. Co.'s Midget Sweet Corn

A miniature Sweet Corn that is markedly suitable for growth in pots, and adapted for culture under glass. The tiny plant grows about 30 inches, the ears are only 3 to 4 inches long, but from two to five of these petite ears are on a single stalk. The ears are of fine quality—the kernels white, meaty, and very sweet, while the cob is small. A decided novelty. **Pkt. 20 cts., oz. 35 cts., ¼lb. 90 cts.**

Full-Hearted Endive (*Escarolle*)

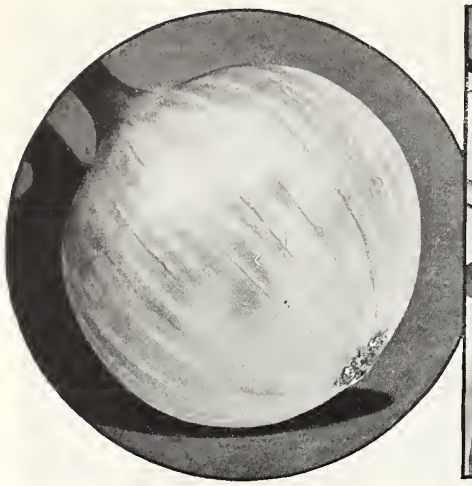
The Full-Hearted closely resembles the Broad-leaved Batavian, with broad and thick leaves, twisted and waved, with round ends, and of a bright deep green, with nearly white midrib. The head, however, is more compact and is full, blanching easily to a creamy white. **Oz. 25 cts., ¼lb. 60 cts., lb. $1.65.**

Early White Vienna Kohlrabi

Short-Leaved Type

A handsome early type with very few small leaves, seldom over 8 inches long. The "bulb" is of medium size and fine quality, large enough to be eaten in ten weeks from the time of sowing. The small size of the plant makes this variety particularly valuable for growth under glass as well as in the open ground. **Oz. 35 cts., ¼lb. 95 cts., lb. $2.75, 10 lbs. $25.**

S. & W. Co.'s Best of All Cauliflower



Southport White Globe Onion

Eight Weeks Pea

Ruby King Pepper

S. & W. Co.'s Hardy Curled Parsley

Dwarf Green-Curled Scotch Kale

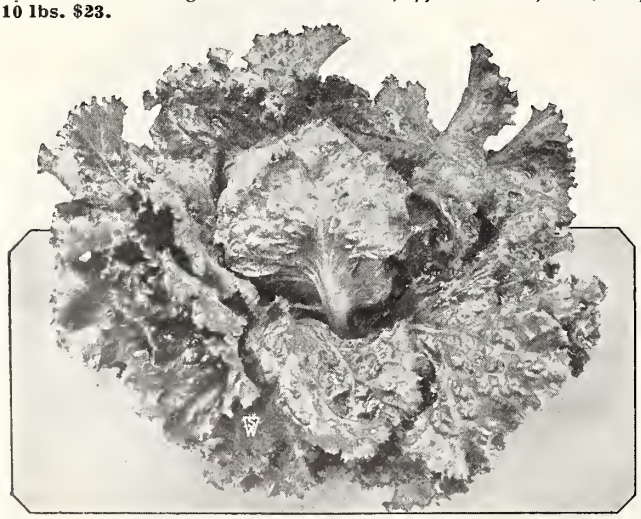
A variety extensively grown for the large markets. The special strain that we offer is a splendid curled type, extremely even, very dwarf and spreading, and of beautiful color. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.**

Three Special Strains of Lettuce

Big Boston. (White seed.) A splendid head Lettuce, perhaps the most generally and favorably known of the varieties offered today. Forced in frames to great extent in the spring and is also planted in August for late crop. Does not do well for midsummer use, but as a fall or early spring Lettuce is one of the best. Large heads; center crisp and of fine flavor. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.40, 10 lbs. $13.**

New York, or Wonderful. Possibly the largest Lettuce in cultivation. It is so distinct that, with its crisply curled leaves, very dark color, and remarkable size, a row of New York frequently puzzles even the experienced grower if unacquainted with this variety—at first glance he is likely to wonder what kind of a plant he is looking at. New York is a sure-heading variety, suitable both for spring and late summer planting; the big, compact, white heads are of the best possible quality. The heart is large, white, crisp and very compact. New York, or Wonderful needs 50 per cent more room in which to grow than varieties of the usual type. Many shippers refer to this as "Iceberg." **Oz. 35 cts., ¼lb. 95 cts., lb. $2.75, 10 lbs. $25.**

Trianon Self-Closing Cos. A large, strictly self-folding type with long, narrow, oval leaves. The oval head is tender and crisp. Trianon is several days earlier than other varieties of Romaine, making it of value to the commercial man. This is a special strain that has been found suitable by the New York growers. **Oz. 35 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $23.**



New York or Wonderful Lettuce

Southport White Globe Onion

Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of mild flavor. To produce the beautifully white Onions, so much sought in every market, one must, first of all, have good seed; second, grow them well on rich land; third, exercise great care in harvesting and curing the crop. We have, by years of careful selection and breeding, developed a strain which has no equal in uniformity and beauty of shape and color. **½oz. 25 cts., oz. 40 cts., ¼lb. $1.15, lb. $3.25, 10 lbs. $31.50.**

Riverside Sweet Spanish Onion

The largest, sweetest, best-keeping, and most uniform of the Spanish group of Onions. It is globular, with golden yellow skin and mild white flesh. A good, profitable variety in sections with long seasons and deep, rich soil. **Oz. 45 cts., ¼lb. $1.50, lb. $4.50.**

S. & W. Co.'s Hardy Curled Parsley

This is of European origin and is produced for us under most rigorous northern conditions. It is medium finely curled, very uniform, and of robust, stocky growth. It is of remarkably fine, deep color, and it stands frost better than any type we know; it should be used especially for standing on into winter. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

Hamburg Turnip-rooted Parsley

The root resembles the parsnip and may be stored for winter use. The leaves are quite similar to plain Parsley, and are used extensively for flavoring soups, etc. Our stock produces half-long smooth roots. **Oz. 15 cts., ¼lb. 45 cts., lb. $1.10, 10 lbs. $10.**

Two Good Peas

Eight Weeks. A remarkable super-first-early round-seeded Pea, 1½ feet high. It may be sown on a warm border when snow is still present in other parts of the garden; the result will be Peas *weeks* before those obtained from main seedlings. **5 lbs. $1.35, 15 lbs. $3.65, 60 lbs. (bus.) $13.**

World's Record. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its *earliness*. **5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.**

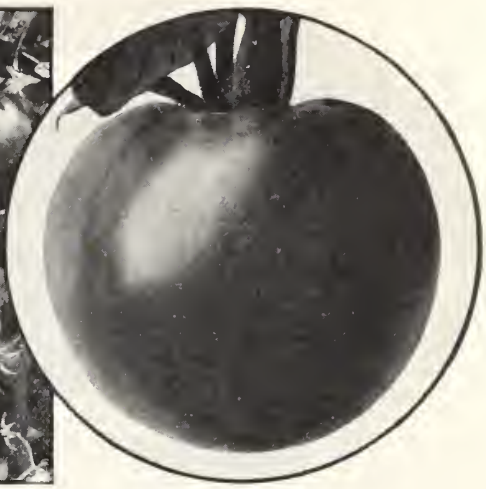
Ruby King Pepper

The handsome fruits are 4½ to 6 inches long, 4 inches thick, and bright red. Ruby King is used very largely for pickles, and it is equally suited for slicing. The flavor of the fruits is mild and pleasant, with just a slight suspicion of piquancy. **½oz. 35 cts., oz. 60 cts., ¼lb. $1.50, lb. $4.**

Scarlet Globe Radish

White-Tip Sparkler Radish

Essex Wonder Tomato



Marglobe Tomato

Early Scarlet Globe Radish

Seed Grown from Transplanted Roots

We offer a specially refined stock of this Radish that will please you. It is of uniform globe shape, bright attractive scarlet color, and moderately small top. One of the most popular Radishes for commercial growth outdoors or for forcing under glass. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50, 100 lbs. $85.**

White-Tip Sparkler Radish

Seed Grown from Transplanted Roots

Most dainty in appearance; the upper half of the root is bright scarlet and the lower portion pure white. The two colors are sharply defined and do not merge into each other, as in ordinary white-tipped Radishes. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50, 100 lbs. $85.**

Market-Gardener's Sorrel

A type developed by a New York market-grower, and found specially suitable for metropolitan trade. A narrow-leaf variety. **Oz. 55 cts., ¼lb. $1.50, lb. $4, 10 lbs. $37.50.**

Straightneck Squash

A golden bush Squash, selected from Giant Summer Crookneck, but with a straight neck, which is an advantage to the trucker, who packs in crates or barrels. Size and quality same as Crookneck. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.**

Cocozelle Squash

Italian Vegetable Marrow; New York Market

In this type the fruits are only 1½ to 2 inches in diameter. They do not become "clubbed" but remain an even, regular shape until well past the gathering period. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

Green Lyon Swiss Chard

A vigorous-growing stocky type. The leaves are smooth, deep glossy green, and the stalks are solid, thick, and creamy white. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

S. & W. Co.'s Emerald Standing Spinach

A very large and vigorous type of compact, flat, spreading growth. The leaves are large, thick, slightly crumpled, very fleshy and carried on long stems. The color is a very dark green. The most important point about this Spinach, however, is that *it stands fully one month longer than any other variety* before bolting to seed. In spite of this, it is quite early to mature, and is a variety to be recommended from every point of view. **Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts., 10 lbs. $4.50, 100 lbs. $40.**

Long-Standing Savoy Spinach

A new strain of outstanding merit. It is about as early as Bloomsdale of the ordinary type, but since it is a bisexual variety, it stands nearly two weeks longer before bolting. The leaves are intensely crumpled or blistered, very uniform, and of a deep glossy green color. **Lb. 40 cts., 10 lbs. $3, 100 lbs. $27.50.**

Marglobe Tomato

A wonderful Tomato introduced by the U. S. Department of Agriculture. Its disease-resistant, shipping, and heavy yielding qualities have made it a favorite with the market-grower. It bears perfect, deep globe-shaped fruits that are smooth, of a beautiful scarlet color, and of splendid eating quality. We offer a superior strain. **½oz. 40 cts., oz. 70 cts., ¼lb. $2, lb. $6.**

Essex Wonder Tomato

This variety has been evolved by an English grower, and combines extreme hardiness with high-quality fruit and heavy yield. It will withstand several degrees of frost without injury and may be set out a few days earlier than ordinary sorts, while late plantings will yield fruit along into October. **Pkt. (about 200 seeds) 50 cts.**

Break o'Day Tomato

A new development of the late Dr. Pritchard of the United States Department of Agriculture. Break o'Day is the result of a cross between Marglobe and Marvana. About 10 days earlier than Marglobe, fruits scarlet, closely resembling Marglobe in shape, color, and size. Plant-growth quite open. **½oz. 60c., oz. $1, ¼lb. $3, lb. $10.**

Purple-Top White Globe Turnip

A REFINED STRAIN

This variety may be grown to quite a large size, without developing signs of coarseness. It is of spherical shape, the skin white with the upper one-third colored reddish purple. The flesh is pure white, firm, fine-grained, and of superior flavor. It is one of the best sorts to store for winter, and in addition to its fine table qualities, it is excellent and economical for stock-feeding. **Oz. 15c., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

Zucchini

A summer Italian Squash of the Cocozelle order. Quite a favorite on the Pacific Coast. We have the true strain. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

Emerald Standing Spinach

Green Lyon Swiss Chard

STUMPP & WALTER CO.'S
HIGH-GRADE VEGETABLE SEEDS

NOTE.—Prices on Beans subject to change without notice

BEANS

DWARF GREEN-PODDED

HARICOTS Grünschotige Buschbohnen *Fagiuoli*

Allow 1 pound for 100 feet of drill; 100 pounds per acre

BLACK VALENTINE. A quick-growing Bean, hardy, prolific, and a good shipper. The Bean is half round in section, long, and has strings when old; the variety is practically stringless, however, at picking-time. The most popular market-grower's sort on account of its earliness; resistant to heat, and thus much used by the southern gardeners. **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $10, 10 bus. $90.**

BOUNTIFUL. The best flat-podded green Bean. Very prolific and a continuous bearer. It is tender and of delicious flavor, as stringless as the breeder has been able to make a flat-podded Bean, which means that the pods are stringless until they reach a length of 5 inches. **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $10, 10 bus. $90.**

DWARF HORTICULTURAL. The pods are flat and stringless, medium in length, and slightly curved; when they are nearly developed they are splashed bright red on a yellow skin. The pods may be eaten when young, later the green Shell Beans, or the dried Beans, as the market may call for. **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.**

FRENCH HORTICULTURAL. **5 lbs. $1.75, 15 lbs. $4.75, 60 lbs. (bus.) $14.**

ASGROW. (New.) See page 2. **2 lbs. $1.25, 5 lbs. $2.25, 15 lbs. $6, 60 lbs. (bus.) $20.**

FULL MEASURE. One of the best second-early, round-podded varieties. The pods are 5 inches long, bright green, stringless. Prolific and of excellent quality. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12.**

NEW HARDY WAX. A stringless, round-podded variety, remarkable for its heavy yielding properties. See above text

GIANT STRINGLESS GREEN-POD. An early Bean, producing round pods that contain no strings. A very free bearer, handsome, standing hot weather well. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

RED VALENTINE. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

REFUGEE or **1,000-to-1.** **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.**

NEW STRINGLESS REFUGEE. **5 lbs. $1.75, 15 lbs. $4.75, 60 lbs. (bus.) $14, 10 bus. $130.**

LONGFELLOW. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

LOW'S CHAMPION (Boston Cranberry). **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

MAGPIE. **5 lbs. $2, 15 lbs. $5, 60 lbs. (bus.) $16, 10 bus. $150.**

STRINGLESS GREEN-POD. **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.**

DWARF WAX-PODDED

SURE-CROP STRINGLESS WAX. This is a new Bean of fine quality. It produces quickly a supply of thick, flat, golden yellow pods that are entirely stringless. The plants are of medium size. Seeds black. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

BRITTLE WAX. The bushes are not particularly resistant to cold, but they produce freely fine yellow pods measuring from 4½ to 6 inches long which are entirely stringless. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

NEW HARDY WAX. The plants are of distinct growth, having thick leathery leaves, which resist cold, blight, and other diseases to a remarkable degree. Within 65 to 70 days from planting, New Hardy Wax bears immense crops of slightly curved pods of a fine deep yellow color. **5 lbs. $1.75, 15 lbs. $4.75, 60 lbs. (bus.) $14, 10 bus. $130.**

NEW KIDNEY WAX. Large pods, which are handsome in appearance, entirely stringless, fleshy, and of fine quality. Even during wet summers the plant is free from rust and blight. **5 lbs. $1.75, 15 lbs. $4.75, 60 lbs. (bus.) $14, 10 bus. $130.**

NEW HODSON WAX. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

BLACK WAX (Improved Pencil-Pod). **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.**

IMPROVED GOLDEN WAX (Rustless). **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.**

DAVIS WHITE WAX. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

ROUND-POD KIDNEY WAX. **5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.**

FORCING BEANS

MASTERPIECE. **5 lbs. $2.25, 15 lbs. $5.25, 60 lbs. (bus.) $18.**

S. & W. CO.'S WONDER FORCING. **5 lbs. $1.85, 15 lbs. $5, 60 lbs. (bus.) $15.**

Include This Aid to Successful Gardening with Every Order

SEMESAN. A seed disinfectant. Place a small quantity of Semesan with seeds in a jar and shake vigorously for a few minutes; bacteria and fungus spores that may be adhering to the seeds will be killed.

2 ozs. 50 cts., lb. $2.75, 5 lbs. $13, 25 lbs. $56.25

BEANS, POLE, GREEN AND WAX-PODDED

Allow 1 pound for 200 hills; 30 pounds per acre

OLD HOMESTEAD (Green Kentucky Wonder). An improved sort of this well-known Bean. The pods are entirely stringless and of a silvery green color, hanging in large clusters from the top to the bottom of the vines. 5 lbs. $1.50, 15 lbs. $3.65, 60 lbs. (bus.) $12, 10 bus. $110.

LAZY WIFE (Green-pod). 5 lbs. $1.60, 15 lbs. $4, 60 lbs. (bus.) $14, 10 bus. $130.

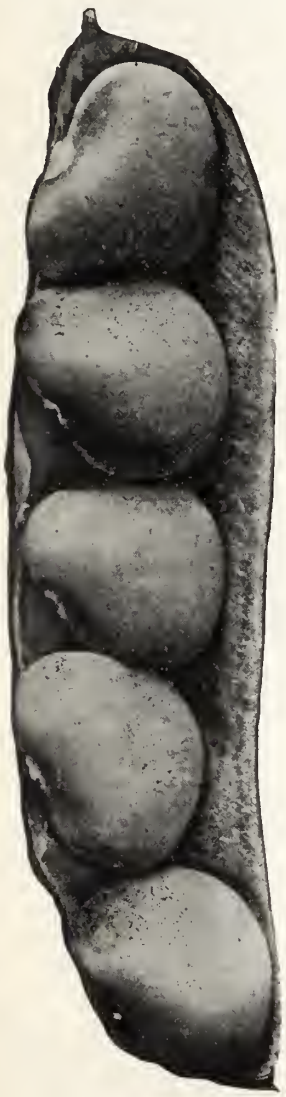
SCARLET RUNNER (Green-pod). 5 lbs. $1.60, 15 lbs. $4, 60 lbs. (bus.) $14, 10 bus. $130.

HORTICULTURAL or SPECKLED CRANBERRY. 5 lbs. $1.60, 15 lbs. $4, 60 lbs. (bus.) $14, 10 bus. $130.

YARD-LONG ASPARAGUS (Green-pod). Lb. 85 cts.

GOLDEN CLUSTER WAX. 5 lbs. $1.75, 15 lbs. $4.50, 60 lbs. (bus.) $16, 10 bus. $150.

KENTUCKY WONDER WAX. 5 lbs. $1.75, 15 lbs. $4.50, 60 lbs. (bus.) $16, 10 bus. $150.



FORDHOOK BUSH LIMA

BEANS FOR DRY SHELLING

PEA or NAVY. 5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.

BOSTON MARROW. 5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.

RED KIDNEY. 5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $11, 10 bus. $100.

BEANS, LIMA, BUSH

FORDHOOK. A dwarf form of the popular Challenger or Potato Lima, and earlier. Both pods and Beans are large, the pods measuring 4 to 5 inches, and frequently contain four fine Beans of the finest quality. 5 lbs. $2, 15 lbs. $5, 60 lbs. (bus.) $16, 10 bus. $150.

FORDHOOK (Long Island Grown Seed). See page 2. 5 lbs. $2.25, 15 lbs. $6, 60 lbs. (bus.) $21.

NEW EARLY GIANT. A quick-growing Bean; the short period in which it matures enables it to be *grown for succession*, sowings being made from May 15 to July 10 in the neighborhood of New York. Very prolific and of high quality. 5 lbs. $2, 15 lbs. $5, 60 lbs. (bus.) $18, 10 bus. $170.

NEW IMPROVED BUSH LIMA. 5 lbs. $2, 15 lbs. $5, 60 lbs. (bus.) $16, 10 bus. $150.

HENDERSON'S BUSH LIMA. 5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $12, 10 bus. $110.

BROAD BEANS

ENGLISH, WINDSOR or FAVA. 5 lbs. $1.75, 15 lbs. $4.50, 60 lbs. (bus.) $16.

BEANS, LIMA, POLE

S. & W. CO.'S GREEN-SEEDED. The vine is strong, of vigorous growth, producing many fine pods which are closely filled with large Beans. These are broad seeded, and their green tint is a distinctive feature, indicating the fine qualities which it possesses. 5 lbs. $2, 15 lbs. $5, 60 lbs. (bus.) $16, 10 bus. $150.

FORD'S MAMMOTH. 5 lbs. $1.75, 15 lbs. $4.50, 60 lbs. (bus.) $14, 10 bus. $130.

EARLY LEVIATHAN. 5 lbs. $1.75, 15 lbs. $4.50, 60 lbs. (bus.) $14, 10 bus. $130.

CHALLENGER or POTATO. 5 lbs. $2, 15 lbs. $5, 60 lbs. (bus.) $16, 10 bus. $150.

KING OF GARDEN. 5 lbs. $1.75, 15 lbs. $4.50, 60 lbs. (bus.) $14, 10 bus. $130.

ANISE

ANIS Anis *Aniso*

Used for flavoring. Oz. 25 cts., ¼lb. 65 cts., lb. $1.75.

ARTICHOKE, GLOBE or FRENCH

ARTICHAUT Artiſchoke *Articiocca*

One ounce produces 500 plants; allow ½ pound per acre

LARGE GREEN GLOBE. Pkt. 25 cts., ½oz. 50 cts., oz. 75 cts.

ARTICHOKE, JERUSALEM

TOPINAMBOUR Erdapfel *Tartufoli*

TUBERS. Qt. 30 cts., pk. $1.75.

BALM

MELISSE CITRONELLE Citronen Meleſe *Mellisa*

Oz. 65 cts., ¼lb. $1.75, lb. $5.

BASIL

BASILIC GRAND Baſilikum *Basilico*

LARGE GREEN. Oz. 25 cts., ¼lb. 65 cts., lb. $1.75.

ASPARAGUS ROOTS

ASPERGE Spargel *Sparagio*

Allow 5,000 to 7,000 per acre

PEDIGREED MARY WASHINGTON. Originally developed by the U. S. Department of Agriculture, further selected and improved. It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, *dark green* with a heavy purple over-tone, and the tight, firm tips do not begin to open until well out of the ground. $3 per 100, $27.50 per 1,000.

ASPARAGUS SEED

Allow 1 ounce for 50 feet of drill; 4 pounds per acre

Pedigreed Mary Washington. Certified Seed. Oz. 85 cts., ¼lb. $2.50, lb. $7.50.

Conover's Colossal. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

Palmetto. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

BORAGE

BOURRACHE OFFICINALE Borretſch *Boragine*

Oz. 25 cts., ¼lb. 65 cts., lb. $1.75.

BRUSSELS SPROUTS

CHOU DE BRUXELLES Brüſſeler Sproſſenkohl *Cavolo a germoglio*

One ounce produces 3,000 plants; allow ¼ pound per acre

S. & W. CO.'S FAVORITE. Long Island strain. A sure header. Oz. 85 cts., ¼lb. $2.50, lb. $7.50.

BURNET

PIMPERNELLE PETITE Pimpernelle *Pimpinella*

Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

DETROIT DARK RED BEET

BEETS

BETTERAVE Salat-Rübe *Barbabietola*

Allow 1 ounce for 100 feet of drill; 6 pounds per acre

ROUND VARIETIES

DETROIT DARK RED. The round dark red globe roots are uniformly smooth. The flesh of the very young Beets is almost black-red, turning to dark crimson with dark purple zones as the Beets grow larger. When cooked, the Beets are of an appetizing dark red and very sweet. Bunches splendidly and keeps well when stored for winter. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9, 100 lbs. $80.**

DETROIT DARK RED, EXHIBITION STRAIN. This is specially reselected for depth of color, uniformity of shape, and general refinement. It is developed particularly to meet the requirements of the exhibitor and market-gardener. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $12.50.**

EARLY WONDER. A variety which has gained wide popularity among market-gardeners. It may be sown early, and it matures very rapidly. It is so uniform in growth that the crop can be lifted practically at one time, yielding the land early and quickly for the second crop. The root is nearly globular in shape, slightly flattened. The leaves are of medium size, and the color of the flesh is deep blood-red. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $12.50, 100 lbs. $115.**

CROSBY'S ORIGINAL EGYPTIAN. Will produce Beets ready for pulling within two or three days after Eclipse. The smooth, dark red roots are topped with light green foliage, which is prominently speckled with dark red. The flesh is carmine, handsomely marked with white zones, very tender and of uniformly sweet quality. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.**

OTHER GOOD VARIETIES

S. & W. CO.'S WINTER KEEPER. This new Beet is almost globe-shaped, tapering somewhat toward the roots. The flesh is dark red, sweet, and tender at all stages of growth, regardless of size. The tops are green—all the color remains in the Beet. Store it in a cellar or pit until spring, and it will cook more tender and sweet than ordinary varieties will when taken from the garden. **Oz. 35 cts., ¼lb. $1, lb. $3, 10 lbs. $27.50.**

OTHER GOOD VARIETIES, continued

CROSBY'S EGYPTIAN. Oz. 15 cts., ¼lb. 35 cts., lb. 90 cts., 10 lbs. $8.50, 100 lbs. $80.

EXTRA-EARLY FLAT EGYPTIAN. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50, 100 lbs. $90.

ECLIPSE. Oz. 15 cts., ¼lb. 35 cts., lb. 90 cts., 10 lbs. $8.75.

DEWING'S BLOOD TURNIP. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

EDMAND'S BLOOD TURNIP. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

CRIMSON GLOBE. Oz. 15c., ¼lb. 40c., lb. $1, 10 lbs. $9.50.

HALF-LONG AND LONG VARIETIES

HALF-LONG BLOOD. An entirely distinct variety. The roots are symmetrical, somewhat pear-shaped, smooth, and handsome; flesh a rich dark red, very sweet, never becoming woody. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

LONG DARK BLOOD. (Out of ground.) A late variety, the root of which is over a foot long. Five inches or more of this grows out of the ground, and the harvesting of the Beet is therefore not attended with much difficulty. The flesh is deep red in color, sweet, and of high quality; it keeps in fine condition through the winter, and its size and shape obviously make it the most economical sort where space is limited. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9, 100 lbs. $80.**

SUGAR BEET

KLEIN WANZLEBEN. Oz. 10 cts., ¼lb. 20 cts., lb. 60 cts., 10 lbs. $5.75.

MANGEL-WURZEL

Allow 6 to 8 pounds per acre

MAMMOTH LONG RED. The roots are of enormous size, very regular and clean. The flesh is bright red and the roots frequently exceed 2 feet in length. **Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., 10 lbs. $7.25.**

PEDIGREED IDEAL. Over forty years of patient breeding have increased the sugar and dry matter by 50 per cent in this variety. Cylindrical in shape; yellow in color. **Oz. 15 cts., ¼lb. 40 cts., lb. $1.10, 10 lbs. $10.50.**

BARRE'S SLUDSTRUP. Lb. 75 cts., 10 lbs. $7.25.

CHAMPION YELLOW GLOBE. Lb. 75 cts., 10 lbs. $7.25.

GOLDEN TANKARD. Lb. 75 cts., 10 lbs. $7.25.

HALF-SUGAR ROSE. Lb. 75 cts., 10 lbs. $7.25.

MAMMOTH LONG GOLDEN. Lb. 75 cts., 10 lbs. $7.25.

BROCCOLI

CHOU BROCOLI Brockoli *Cavol broccolo*

One ounce produces 3,000 plants; allow ¼ pound per acre

NEW YORK MARKET. (True Italian Strain.) The sprouting Broccolis furnish delicious boiling greens to market during summer, autumn, and early winter. The very choice variety which we offer has green, tender shoots produced in great abundance after the first green head has been cut and marketed. **RESELECTED STOCK, ¼oz. $1, ½oz. $1.75, oz. $3, ¼lb. $10. Imported seed of proved quality, ¼oz. 65 cts., ½oz. $1, oz. $1.75, ¼lb. $4.50, lb. $15.**

Include These Aids to Successful Gardening with Every Order

Semesan, Semesan Jr., and Semesan Bel

Let us send you full information on these products and what each will accomplish in the way of increased yields.

CABBAGE

Choice Long Island-Grown

CHOU CULTIVE Kohl, Kraut *Cavolo*

One ounce produces 3,000 plants; allow ½pound per acre

EARLY VARIETIES

COPENHAGEN MARKET. The best of all early Cabbages. Stands longer without bursting than other early sorts. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the extra-early varieties, and if left until fully mature, frequently weighs 8 to 10 pounds. The leaves are small, compact and close to the head, so it will stand close planting. The inside is fine-grained, tender, pure white and compact. A leader. ½oz. 45 cts., oz. 80 cts., ¼lb. $2, lb. $6.

IMPROVED EARLY JERSEY WAKEFIELD. Long considered the best early conical-type Cabbage which we have. The heads are hard and solid with just a few outside leaves, which are unusually thick, enabling them to stand cold weather when wintered in coldframe. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4.

S. & W. CO.'S FAMOUS EARLY CONICAL. An extremely early variety of conical form, quite distinct from any other on the market. An ideal sort for private gardens, producing solid heads sooner than other varieties and requiring less space than most kinds. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

CHARLESTON WAKEFIELD. ½oz. 25 cts., oz. 45 cts., ¼lb. $1.30, lb. $3.50.

BABYHEAD. Pkt. 25 cts.

EARLY FLAT DUTCH. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4.

GOLDEN ACRE. ½oz. 45 cts., oz. 80 cts., ¼lb. $2, lb. $6.

SECOND-EARLY VARIETIES

SUCCESSION. A popular market-gardeners' variety; matures several days later than Early Summer. Heads are flat and uniform, weighing 10 to 12 lbs. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4.

EARLY SUMMER. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4.

GLORY OF ENKHUIZEN. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

LATE OR WINTER VARIETIES

DANISH DRUMHEAD. Averages much larger in size than the Ballhead, about two weeks earlier; fine-grained, sweet-flavored, and the best winter Cabbage. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

LARGE LATE FLAT DUTCH. Without exception, one of the best varieties in cultivation for winter use; produces immense heads of the finest quality; splendid keeper. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4.

DANISH BALLHEAD. ½oz. 35c., oz. 65c., ¼lb. $1.75, lb. $5.

RED CABBAGE

MAMMOTH ROCK RED (Sprague Type). This is by far the best, largest, and surest-heading red Cabbage ever introduced. The head is large, round, very solid, and of a deep red. The best Cabbage on the market. ¼oz. 40 cts., ½oz. 60 cts., oz. $1, ¼lb. $2.75, lb. $10.

ROCK RED. ½oz. 25 cts., oz. 45 cts., ¼lb. $1.30, lb. $3.50.

RED ZENITH. ½oz. 45 cts., oz. 80 cts., ¼lb. $2.20, lb. $6.

SAVOY CABBAGE

AMERICAN DRUMHEAD SAVOY. None of the late-growing varieties can begin to equal in flavor this sort, nor excel it for market use. Heads large and solid; excellent keeper. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4.

SAVOY CABBAGE, continued

AMERICAN DRUMHEAD SAVOY. (Reselected stock.) This is a particularly fine strain of this Savoy. In producing it, the grower has aimed for extreme hardiness and dense crimping. The color is gray-green. ½oz. 60 cts., oz. $1, ¼lb. $2.75, lb. $7.50.

EARLY CONE SAVOY. ½oz. 45c., oz. 80c., ¼lb. $2.20, lb. $6.

EARLY DWARF ULM SAVOY. ½oz. 30 cts., oz. 50 cts., ¼lb. $1.35, lb. $3.75.

CELERY CABBAGE

CHINESE or PE-TSAI. Oz. 55 cts., ¼lb. $1.50, lb. $4.

CARAWAY

CARVI Feld-Kümmel *Carvi*

Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

CARDOON

CARDON Kardone *Cardo*

LARGE SPANISH. Oz. 35 cts., ¼lb. 90 cts., lb. $2.50.

CHERVIL

CERFEUIL Kerbel *Cerfoglio*

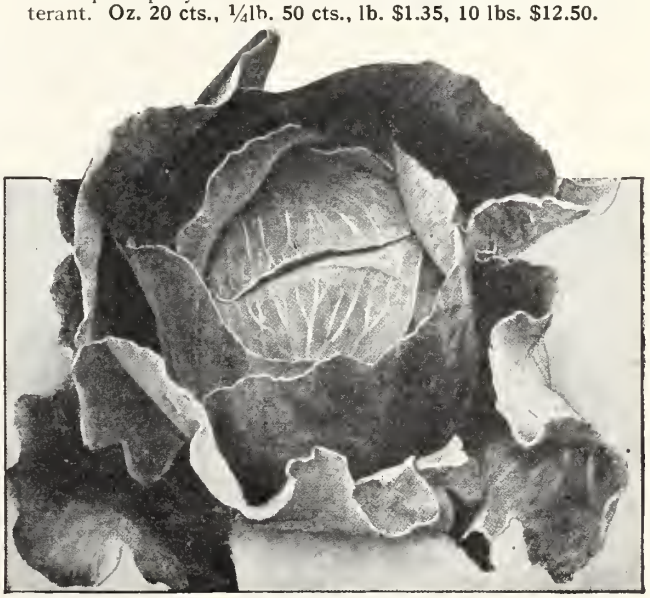
DOUBLE or MOSS CURLED. Chervil is a flavoring green which is used in dressing lettuce, and, while it is but little known, a single introduction will work up a considerable demand. By sowing it in the autumn in hotbeds, it can be cut during the whole winter if the sash is protected during severe weather. Oz. 20 cts., ¼lb. 50 cts., lb. $1.25.

CHICORY

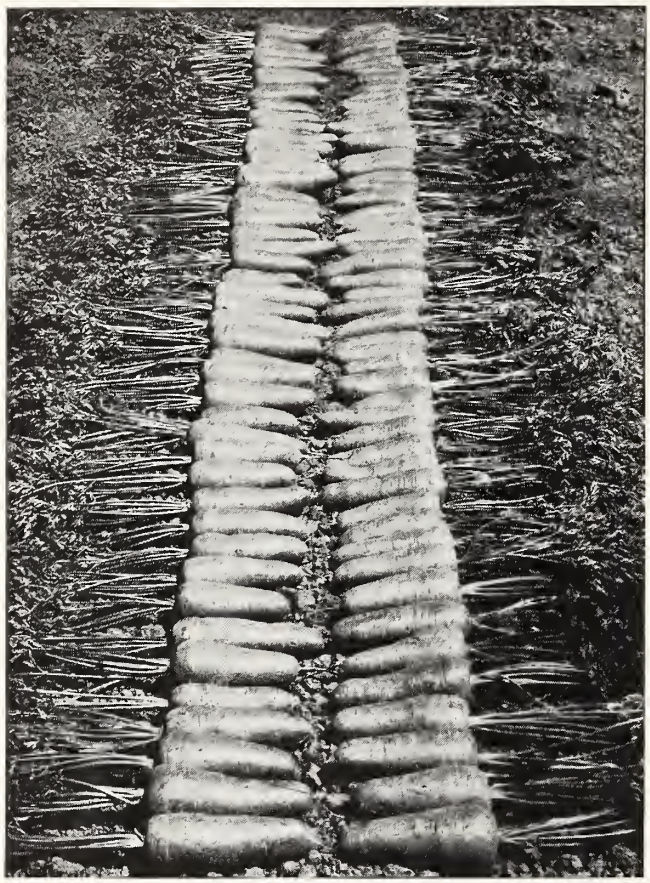
CHICOREE Cichorie *Cicoria*

WITLOOF or FRENCH ENDIVE. Seed is sown in drills in the open ground in rows 12 to 18 inches apart, thinning out the plants when up about 2 inches above the ground. In the fall, the roots, which resemble parsnips, are lifted, the top foliage cut off, as well as the bottom of the root to within 8 inches of the top. These are placed in sand in a cellar, upright, about 2 inches apart and forced, the growth somewhat resembling Cos lettuce. It is considered a splendid winter salad. Oz. 25 cts., ¼lb. 65 cts., lb. $1.75, 10 lbs. $16.50.

LARGE-ROOTED MAGDEBURG. Grown by many for the young leaves, which are excellent for salad, although cultivated principally for the roots which are used as coffee adulterant. Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $12.50.



DANISH DRUMHEAD CABBAGE



RUBICORE. See page 3

CARROT

CAROTTE Gelbrübe *Carota*

Allow 1 ounce for 100 feet of drill; 5 pounds per acre

SELECTED CHANTENAY. One of the most popular half-long scarlet Carrots for the market-gardener. Its bright color and fine shape make it bunch uniformly fine and bring good prices. Sells equally well as an early basket sort. For early and main crop it is unexcelled, but we do not recommend it for winter storing. An excellent type of the half-long, stump-rooted Carrot. Averages 5½ to 6 inches in length, broad at the neck, narrowing gradually to a blunt end. The flesh is rich orange-red, free from yellow core, tender, fine flavored, of excellent table quality. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.**

SELECTED DANVERS. A handsome, cylindrical-shaped, stump-rooted Carrot of good size. It is of a rich, dark orange color, grows to large size, is smooth, and has little core. It is a first-class Carrot for all soils, yields a greater weight to the acre than any other variety, and is more easily harvested than the old long varieties. This selected stock we are now offering has been specially grown for market-gardeners and is sure to give satisfaction. **Oz. 15c., ¼lb. 40c., lb. $1, 10 lbs. $9.**

EARLY HALF-LONG SCARLET NANTES. Specially selected French-grown seed. A perfect cylinder in shape, the root is smooth, bright red, and has no core or heart. It is excellent for forcing, and for fine quality and perfect shape can hardly be surpassed. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

PERFECTION. An excellent late Carrot, roots 8 inches, cylindrical and fine top; color orange-red, and nearly coreless. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

S. & W. CO.'S NEW RED INTERMEDIATE. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

EARLY FRENCH FORCING. Oz. 30 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.

EARLY SCARLET HORN. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

EXHIBITION CHANTENAY. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

EXHIBITION DANVERS. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50.

OXHEART or GUERANDE. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

RUBICON. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

SELECTED LONG ORANGE IMPROVED. Oz. 15 cts., ¼lb. 40 cts., lb. 90 cts., 10 lbs. $8.

S. & W. CO.'S MELTING MARROW. Oz. 35 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $24.

CARROTS FOR STOCK FEEDING

Allow 5 pounds per acre

DANVERS HALF-LONG. Lb. 80 cts., 10 lbs. $7.50.

LONG ORANGE. Lb. 80 cts., 10 lbs. $7.50.

MAMMOTH WHITE BELGIAN. Lb. 75 cts., 10 lbs. $7.

CAULIFLOWER

CHOU-FLEUR Blumenkohl *Cavolofiore*

One ounce produces 3,000 plants; allow ¼pound per acre

S. & W. CO.'S BEST OF ALL. The easiest grown and surest heading Cauliflower offered today. A refined Dwarf Erfurt producing solid, fine-grained, pure white heads. **⅛oz. 85 cts., ¼oz. $1.50, ½oz. $2.50, oz. $4.**

EARLY SNOWBALL. This wonderful, sure-heading variety is of characteristic dwarf habit, the outer leaves being small, hence it is particularly adapted to growing under glass during winter and spring. **⅛oz. 60 cts., ¼oz. $1, ½oz. $1.75, oz. $3.25.**

EXTRA-EARLY DWARF ERFURT. An extra-early sort, of dwarf habit. **⅛oz. 60 cts., ¼oz. $1, ½oz. $1.75, oz. $3.**

DANISH DRY WEATHER. ⅛oz. 60c., ¼oz. $1, ½oz. $1.75, oz. $3.

AUTUMN GIANT. Oz. 75 cts.

CATNIP. Oz. 50 cts.

S. & W. CO.'S BEST OF ALL CAULIFLOWER

CELERY

CELERI Sellerie *Sedano*

One ounce produces 3,000 plants; allow ¼ pound per acre

S. & W. CO.'S GOLDEN PLUME CELERY

S. & W. CO.'S GOLDEN PLUME. A much-improved form of Golden Self-blanching, and the improvements are (*a*) superior eating quality, (*b*) wonderful golden color, (*c*) marked resistance to blight and rust, (*d*) earlier maturity, (*e*) superior keeping qualities, (*f*) increased size.

Raiser's original strain. Pkt. 25 cts., ¼oz. $1, ½oz. $1.75, oz. $3, ¼lb. $9, lb. $30.

Home-grown seed of Golden Plume. Pkt. 15 cts., ½oz. $1, oz. $1.50, ¼lb. $4.50, lb. $15.

NEW EASY-BLANCHING (Winter Queen Type), Originator's Stock. This type has been grown by one of the most successful market-gardeners, who is shipping the finest Celery, both for medium early and during winter. Seed has been selected over a period of years, and it is the best Celery that we know of in appearance, excellence, and keeping quality, hence the high price in comparison with the prices charged by other houses selling it under the same name. **Pkt. 25 cts., ¼oz. 60 cts., ½oz. $1, oz. $1.75, ¼lb. $6, lb. $20.**

PARIS GOLDEN SELF-BLANCHING. (French-grown seed.) **½oz. 55 cts., oz. $1, ¼lb. $3.50, lb. $12.**

IMPROVED EARLY WHITE SPINE CUCUMBERS

S. & W. CO.'S EARLIGREEN. The finest, earliest green Celery that we know, and a fitting counterpart to Golden Plume. Sown in February and March, and planted out in May, we have seen this variety offered in the New York market by mid-August. **Pkt. 25 cts., ¼oz. $1.25, ½oz. $1.75, oz. $3.**

PARIS GOLDEN SELF-BLANCHING. (American-grown seed.) **Oz. 80 cts., ¼lb. $2.20, lb. $6.**

IMPROVED WHITE PLUME. Oz. 45 cts., ¼lb. $1.30, lb. $3.50.

GIANT PASCAL. Oz. 45 cts., ¼lb. $1.30, lb. $3.50.

WINTER QUEEN. Oz. 45 cts., ¼lb. $1.30, lb. $3.50.

CUTTING or SOUP CELERY. Oz. 20c., ¼lb. 55c., lb. $1.50.

CELERY SEED FOR FLAVORING. Oz. 10c., ¼lb. 20c., lb. 50c.

CELERIAC (Turnip-rooted Celery)

Allow 1 ounce for 150 feet of drill; 3 pounds per acre

LARGE NEW YORK IMPROVED. (Special.) A specially developed stock from which we have made a careful selection **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

LARGE SMOOTH PRAGUE. Oz. 30c., ¼lb. 90c., lb. $2.50.

LARGE ERFURT. Oz. 30 cts., ¼lb. 90 cts., lb. $2.50.

CUCUMBER

CONCOMBRE Gürke *Centriulo*

Allow 1 ounce for 50 hills; 2 pounds per acre

IMPROVED EARLY WHITE SPINE. The fruits are nearly cylindrical in form, slightly pointed at the ends, perfectly smooth and of deep, rich coloring marked with distinct white lines at the blossom end. Will retain its color longer after pickling than most varieties, and is splendid as a table Cucumber. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $11.50.**

NEW DAVIS PERFECT. In color, a dark, glossy green; shape slim and symmetrical, with an average length of 10 to 12 inches. Quality fine, as the seeds are very soft when fit for table use. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

EXTRA-LONG GREEN. A well-known standard variety about 1 foot in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $12.50.**

COOL AND CRISP. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

EARLY GREEN PROLIFIC. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

FORDHOOK PICKLING. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

JAPANESE CLIMBING. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

NEW KLONDYKE. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

EARLY FORTUNE. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

FORCING CUCUMBER

S. & W. CO.'S IMPROVED TELEGRAPH. Pkt. 25 cts., ⅛oz. $2.75, ¼oz. $5.

FORCING WHITE SPINE. Pkt. 25 cts., ¼oz. $2.50.

CORN

MAIS Maïs *Mais*

Allow 1 pound for 200 feet of drill or for 250 hills; 15 pounds per acre

EARLY VARIETIES

GOLDEN BANTAM. Perhaps the sweetest Corn grown; *the* standard for quality by which others are judged. Plant attains a height of only 3 to 4 feet, usually bearing two or more ears to the stalk. The ears are compactly filled with kernels which when ready for the table are cream-yellow. Golden Bantam is one of the hardiest varieties of Corn grown, therefore it can be planted with safety earlier than other varieties. **2 lbs. 60 cts., 5 lbs. $1.40, 15 lbs. $3.75, 45 lbs. (bus.) $10, 100 lbs. $19.**

HOWLING MOB. Is ready for use only 3 to 5 days later than the extra-early Cory when both are planted at the same time, but the ears are much larger in size, while the grains are much whiter and sweeter. As an early variety of large size, we cannot too highly praise Howling Mob. **2 lbs. 60 cts., 5 lbs. $1.35, 15 lbs. $3.50, 45 lbs. (bus.) $9.50, 100 lbs. $19.50.**

NEW WONDER BANTAM. A successful cross between Early Wonder and Golden Bantam, possessing all the good qualities of Golden Bantam—its earliness, flavor, and color—but being more vigorous, more productive, and yielding larger ears. Wonder Bantam grows from 5 to 6 feet in height, bearing ears, high up on the stalk, which measure 8 to 10 inches in length. The ears are filled with 8 rows of rich, golden, sugar-sweet kernels. Wonder Bantam appeals alike to the critical market-grower, the home-gardener, and the canner. **2 lbs. 80 cts., 5 lbs. $1.75, 15 lbs. $5, 45 lbs. (bus.) $12, 100 lbs. $25.**

CROSBY'S EARLY. **2 lbs. 55 cts., 5 lbs. $1.30, 15 lbs. $3.25, 45 lbs. (bus.) $9, 100 lbs. $18.**

EARLY MAYFLOWER. **2 lbs. 60 cts., 5 lbs. $1.40, 15 lbs. $3.75, 45 lbs. (bus.) $10.50, 100 lbs. $21.**

GOLDEN ROD. **2 lbs. 55 cts., 5 lbs. $1.15, 15 lbs. $3.25, 45 lbs. (bus.) $9, 100 lbs. $18.**

METROPOLITAN. **2 lbs. 60 cts., 5 lbs. $1.40, 15 lbs. $3.75, 45 lbs. (bus.) $10.50, 100 lbs. $21.**

MIDGET, NEW, S. & W. CO.'S. **Pkt. 20 cts., oz. 35 cts., ¼lb. 90 cts.**

WHITE-COB CORY. **2 lbs. 60 cts., 5 lbs. $1.40, 15 lbs. $3.75, 45 lbs. (bus.) $10.50, 100 lbs. $21.**

POP-CORN

WHITE RICE. **Lb. 20 cts., 10 lbs. $1.50, 100 lbs. $12.**

WHITE PEARL. **Lb. 20 cts., 10 lbs. $1.50, 100 lbs. $12.**

ACTUAL SIZE

Golden Wedding Corn

For sweetness and general refinement of flavor, we consider it superior to Golden Bantam. This variety is being served in season in many leading New York hotels. Trifle larger than Golden Bantam, having twelve rows of delicious golden kernels. A fine early variety that will bring a good price on the market. **2 lbs. 90 cts., 5 lbs. $2, 15 lbs. $5.25, 45 lbs. (bus.) $15, 100 lbs. $30.**

MEDIUM AND LATE CORN

COUNTRY GENTLEMAN. A large, late variety; the deep kernels are set very irregularly on the cob. Quite the best late Corn; very sweet. **2 lbs. 60 cts., 5 lbs. $1.40, 15 lbs. $3.75, 45 lbs. (bus.) $10.50, 100 lbs. $21.**

STOWELL'S EVERGREEN. The ears are of large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all medium sorts. **2 lbs. 60 cts., 5 lbs. $1.40, 15 lbs. $3.75, 45 lbs. (bus.) $10.50, 100 lbs. $21.**

LONG ISLAND BEAUTY. A favorite among New York market-growers. **2 lbs. 65 cts., 5 lbs. $1.50, 15 lbs. $4, 45 lbs. (bus.) $11, 100 lbs. $22.**

LATE MAMMOTH. **2 lbs. 65 cts., 5 lbs. $1.50, 15 lbs. $4, 45 lbs. (bus.) $11, 100 lbs. $22.**

BLACK MEXICAN. **2 lbs. 60 cts., 5 lbs. $1.25, 15 lbs. $3.50, 45 lbs. (bus.) $10, 100 lbs. $20.**

FIELD CORN

NEW GOLDEN EUREKA DENT. (Improved Leaming.) **Bus. $4.**

EARLY SMOKY DENT. **Bus. $4.**

JUMBO SILAGE. **Bus. $4.50.**

LUCE'S FAVORITE. **Bus. $4.25.**

IMPROVED EARLY HORSETOOTH. **Bus. $3.50.**

EVERGREEN FODDER. **Bus. $5.25.**

LONGFELLOW FLINT. **Bus. $4.**

Write for prices on larger quantities
Prices subject to change without notice

COLLARDS

One ounce produces 3,000 plants; allow ½ pound per acre

GEORGIA. **Oz. 15c., ¼lb. 40c., lb. $1.**

CORN SALAD

Allow 3 ounces for 100 feet of drill

Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

CRESS

CURLED or PEPPERGRASS. **Oz. 10 cts., ¼lb. 25 cts., lb. 65 cts.**

TRUE WATER. **Oz. 65 cts., ¼lb. $1.75, lb. $5.**

DANDELION

COMMON. **Oz. 35 cts., ¼lb. $1, lb. $3.**

IMPROVED THICK-LEAVED. **Oz. 50 cts., ¼lb. $1.50, lb. $4.**

FRENCH GARDEN. **Oz. 35 cts., ¼lb. $1, lb. $3.**

DILL

MAMMOTH. The aromatic seeds are used in pickles, preserves, and soups. **Oz. 15 cts., ¼lb. 40 cts., lb. $1.**

BROAD-LEAVED BATAVIAN ENDIVE (Escarolle)

ENDIVE

CHICOREE Endivien *Indivia*

Allow 1 ounce for 150 feet of drill; 4 pounds per acre

BROAD-LEAVED BATAVIAN (Escarolle). The leaves are broad and thick, more or less twisted and waved, with round ends and are of a bright deep green with a nearly white midrib. The inner leaves form a fair head which blanches a creamy white. In its natural state Escarolle forms an excellent salad with an appetizing piquancy. It may be gathered fresh from the ground well into winter, thus furnishing salad at a season when it is most welcome. Frequently served as spinach, when its flavor and health-giving properties render it of high value. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $13.**

FULL-HEARTED (Escarolle). See page 3. **Oz. 25 cts., ¼lb. 60 cts., lb. $1.65.**

GREEN CURLED ROSE-RIBBED (Self-blanching). Quicker to mature and more upright in growth than the ordinary type. Grown 6 inches apart, in good, rich soil, the plants quickly crowd one another to such an extent that the dense centers of the plants blanch themselves. The flavor is refined to a degree. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.**

GREEN CURLED. Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $13.

WHITE CURLED. Oz. 20c., ¼lb. 55c., lb. $1.50, 10 lbs. $14.25.

EGGPLANT

AUBERGINE Eierpflanze *Pertronciano*

One ounce produces 1,000 plants; allow 6 ounces per acre

NEW YORK IMPROVED SPINELESS. This variety is more widely grown than any other and is a favorite both for the market-garden and for family use. The fruits are large, round-oval, of a rich deep purple-black color and splendid quality. The stems and calyx are entirely free from spines. In spite of their large size, the fruits are produced continuously and freely; each strong, spreading, bushy plant may be expected to yield from six to ten splendid "eggs." We offer a markedly superior strain of this fine variety. **Oz. 75c., ¼lb. $2, lb. $6.**

BLACK BEAUTY. Oz. 75 cts., ¼lb. $2, lb. $6.

LONG PURPLE. Oz. 60 cts., ¼lb. $1.70, lb. $4.50.

FLORIDA HIGH-BUSH. Oz. 75 cts., ¼lb. $2, lb. $6.

FENNEL

FENOUIL Fenchel *Finocchio*

SICILIAN. The largest and best of the type. The bulb is in section a thick oval, and not flat, as in the Florence Fennel. **Oz. 30 cts., ¼lb. 75 cts., lb. $2.**

FLORENCE. Oz. 30 cts., ¼lb. 75 cts., lb. $2.

HORSE-RADISH ROOTS

Will produce good Horse-Radish, fit for use in one season's growth. Plant the root so that the top will be 2 inches under the ground. **20 cts. per doz., $1.25 per 100.**

KALE, or BORECOLE

CHOUX VERTS Blätterkohl *Cavolo verde*

One ounce produces 3,000 plants; allow ¼pound per acre when transplanted; 4 pounds per acre may be sown in drills

DWARF GREEN CURLED SCOTCH. Very dwarf and spreading; one of the best. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.**

SIBERIAN. Oz. 15 cts., ¼lb. 40 cts., lb. $1.

DWARF BROWN. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

KOHLRABI

CHOU-RAVE Kohlrabi *Cavolo rapa*

Allow 1 ounce for 150 feet of drill; 3 pounds per acre

EARLY WHITE VIENNA SHORT-LEAF TYPE. Handsome, very early variety, with very few, small leaves, seldom over 8 inches long; bulb of medium size and fine quality; large enough to be eaten in two months and a half from the time of sowing. Good for forcing. **Oz. 35 cts., ¼lb. 95 cts., lb. $2.75, 10 lbs. $25.**

MAMMOTH WHITE. Long-leaved type. **Oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.**

EARLY PURPLE VIENNA. Oz. 30 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.

LAVENDER

Herb used for medicinal purposes. **½oz. 45 cts., oz. 80 cts., ¼lb. $2.20, lb. $6.**

LEEK

POIREAU Porree, oder Lauch *Porro*

Allow 1 ounce for 100 feet of drill; 6 pounds per acre

MUSSELBURG. This Leek will withstand our most severe winters, and for planting to carry over the winter for early spring cutting should be valuable to the market-gardener. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.50, 10 lbs. $24.**

AMERICAN FLAG. A popular Leek, largely used for fall and early winter sales. It makes a quick, strong growth, about 10 inches long and 2 inches wide, and blanches very finely. **Oz. 25 cts., ¼lb. 75c., lb. $2.50, 10 lbs. $24.**

LARGE CARENTAN or THICK-LEAVED WINTER. Oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.

S. & W. CO.'S EXHIBITION. Oz. 65 cts., ¼lb. $1.75, lb. $5.

S. & W. CO.'S AMERICAN FLAG LEEK

LETTUCE

LAITUE Salat *Lattuga*

Allow 1 ounce for 150 feet of drill; 3 pounds per acre

BIG BOSTON. (White seed.) A splendid head Lettuce, perhaps the most generally and favorably known of the varieties mentioned here. Forced in frames to great extent in the spring and is also planted in August for late crop. Does not do well for midsummer use, but as a fall or early spring Lettuce is one of the best. Large heads; center crisp and of fine flavor. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.40, 10 lbs. $13.**

BLACK-SEEDED BIG BOSTON. By far the most heat-resisting sort of this type. The plants are of a uniformly darker shade of green, grow more compactly, and stand several days longer than other strains of Big Boston, before running to seed. **Oz. 25 cts., ¼lb. 65 cts., lb. $1.75, 10 lbs. $17.**

Thousands of rows of vegetables and flowers are grown to maturity on the S. & W. Co.'s Trial-Grounds, and every variety sold by the Company is represented. Our view shows a portion of the Lettuce Trials

UNRIVALED SUMMER, GREEN-LEAVED BIG BOSTON. (White seed.) Forms uniformly large heads similar to Big Boston but lighter in color. Ready about a week earlier than Big Boston when sown at same time. May be sown throughout the season. **Oz. 25 cts., ¼lb. 65 cts., lb. $1.75, 10 lbs. $17.**

NEW YORK or WONDERFUL. (White seed.) Possibly the largest Lettuce in cultivation. It is so distinct that, with its crisply curled leaves, very dark color, and remarkable size, a row of New York frequently puzzles even the experienced grower if unacquainted with this variety. It is being shipped into many markets under the name "Iceberg." New York is a sure-heading variety, suitable both for spring and late summer planting; the big, compact, white heads are of the best possible quality. **Oz. 35c., ¼lb. 95c., lb. $2.75, 10 lbs. $25.**

SALAMANDER PERFECTED. (Black seed.) For summer use there are few Lettuces better or more favorably known. The critical market-gardener will find few Lettuces to equal it for summer use, as it remains longer in head before running to seed than most sorts. The heads are good-sized, compact, tender, creamy white inside, outer leaves light green and of most excellent flavor. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

ALL SEASONS. (Black seed.) **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.**

BLACK-SEEDED SIMPSON. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

BLACK-SEEDED TENNISBALL. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

BLACK-SEEDED UNRIVALED. **Oz. 30 cts., ¼lb. 75 cts., lb. $2.**

CALIFORNIA CREAM BUTTER. (Black seed.) **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

CRISP AS ICE. (Black seed.) **Oz. 35 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $23.**

EARLY CURLED SIMPSON. (White seed.) **Oz. 25 cts., ¼lb. 65 cts., lb. $1.75, 10 lbs. $17.**

GOLDEN QUEEN. (White seed.) **Oz. 35 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $24.**

GRAND RAPIDS FORCING. (Black seed.) **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

HANSON. (White seed.) **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

HUBBARD MARKET. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

ICEBERG (California Simpson). (White seed.) **Oz. 25 cts., ¼lb. 65 cts., lb. $1.75, 10 lbs. $16.50.**

LETTUCE, continued

MAMMOTH BLACK-SEEDED BUTTER. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

MAY KING. (White seed.) **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

MIGNONETTE. (Black seed.) **Oz. 30 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.**

TOM THUMB, S. & W. CO.'S. (Black seed.) **Oz. 35 cts., ¼lb. $1, lb. $3, 10 lbs. $27.50.**

COS or ROMAINE LETTUCE

(White Seed)

TRIANON SELF-CLOSING COS. A large, strictly self-folding type with long, narrow, oval leaves. The oval head is tender and crisp. Trianon is several days earlier than other varieties of Romaine, making it of value to the commercial man. This is a special strain that has been found suitable by the New York growers. **Oz. 35c., ¼lb. 90c., lb. $2.50, 10 lbs. $23.**

PARIS WHITE COS or ROMAINE. **Oz. 30 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.**

S. & W. CO.'S DARK GREEN COS. **Oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.50.**

S. & W. CO.'S GIANT WHITE COS. **Oz. 45 cts., ¼lb. $1.20, lb. $3.25.**

MARTYNIA

For Pickles. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

MARJORAM

MARJOLAINE A COQUILLE Majoran *Maggiorana*

SWEET or ANNUAL. **Oz. 35 cts., ¼lb. $1, lb. $3.**

MUSTARD

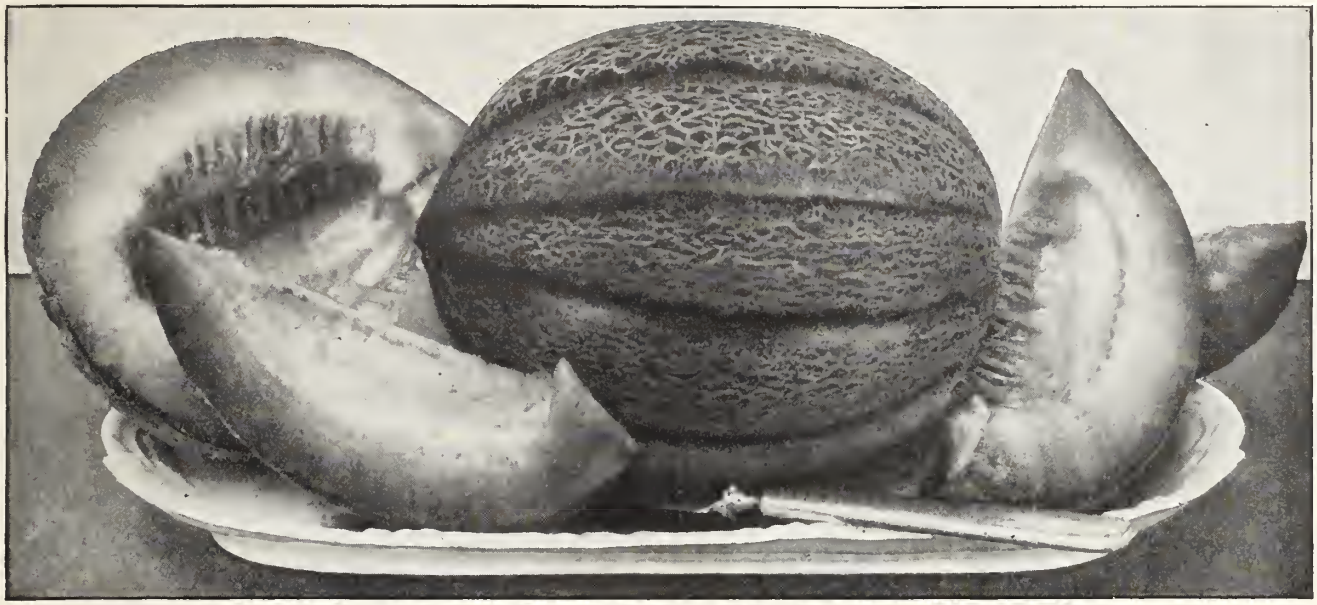
MOUTARDE Senf *Senapa*

WHITE LONDON. The best variety for salads; the seed is used also medicinally and as a mild seasoning for pickles. **Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts., 10 lbs. $4.75.**

FORDHOOK FANCY. **Oz. 15 cts., ¼lb. 35 cts., lb. 90 cts., 10 lbs. $8.75.**

GIANT SOUTHERN CURLED. **Oz. 15 cts., ¼lb. 35 cts., lb. 90 cts., 10 lbs. $8.75.**

NEW CHINESE. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts.**



MUSKMELON

MELON Melone *Popone*

Allow 1 ounce for 80 hills; 3 pounds per acre

S. & W. CO.'S SELECTED STOCK, ROCKY FORD. This famous variety is the finest early green-fleshed melon in cultivation. The fruits are remarkably uniform in size, weighing from 1¼ to 1½ pounds each. They are quite thick meated, with very thin rinds; skin light green, regularly ribbed and heavily netted, turning to a golden yellow as the melon ripens. Flesh light green in color, firm but melting, and of uniformly fine flavor. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

"10/25" SALMON TINT. The Rocky Ford Muskmelon has been improved under the direction of Professor Blinn of the Colorado Experiment Station, and "10,25" is the best yet. The fruit is heavily and evenly netted, very uniform in size, rust-resisting and early; the flesh is a rich gold in the center, shading out to emerald-green near the rind. The flavor is highly aromatic and pleasing to a degree. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.**

HEARTS OF GOLD (Improved Hoodoo). A splendid orange-fleshed variety, closely netted, good shipper of fine texture and delicious quality. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.**

BANANA. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

BENDER'S SURPRISE. Oz. 25 cts., ¼lb. 65 cts., lb. $1.75, 10 lbs. $17.

CASSABA. Oz. 35 cts., ¼lb. $1, lb. $3, 10 lbs. $27.50.

EMERALD GEM. Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $13.

EXTRA-EARLY HACKENSACK. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.

HONEYDEW. Oz. 30 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.

PAUL ROSE. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.

FORCING MELONS

KING GEORGE. Pkt. 50 cts.

ROYAL JUBILEE. Pkt. 50 cts.

SEDGWICK GEM. Pkt. 50 cts.

WATERMELON

MELON D'EAU Wassermelone *Melone d'aqua*

Allow 1 ounce for 50 hills; 4 pounds per acre

KLECKLEY SWEETS. The sweetest of all the Watermelons. Fine-flavored and grained, tender meat. Fruits are of large size; rind very thin and green, very brittle; flesh scarlet and firm. A variety everyone should grow. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

EARLY FORDHOOK. The quickest-maturing, large-fruited Watermelon grown, and therefore suitable for the North. Fruits are short and "stubby," though large. Flesh is bright scarlet, crisp and of splendid quality. Ships well. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

STONE MOUNTAIN. Wonderful new melon, very large, dark green, nearly round. Flesh sweet, rich scarlet with few seeds. Not recommended for shipping. **Oz. 20c., ¼lb. 65c., lb. $1.50.**

CITRON. Oz. 15 cts., ¼lb. 35 cts., lb. 85 cts., 10 lbs. $8.25.

COLE'S EARLY. Oz. 15 cts., ¼lb. 35 cts., lb. 85 cts., 10 lbs. $8.25.

TOM WATSON. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

TOM WATSON WATERMELON

THIS IDEA AND METHOD IS PROTECTED

A New and Certain
MUSHROOM SPAWN

The propagation of Mushroom Spawn under absolutely *sterile* conditions, in one-quart milk-bottles, guarantees it to be 100 per cent pure, full run, no waste material at all, every particle can be used, no insect eggs, no flies, no weed seeds, no moulds of any kind or infection that the *Brick Spawn* is subject to. It is almost certain to produce a large crop, when the beds are properly prepared, and the cost is no greater than the old Brick Spawn per square feet of surface planted. Transportation is much less because the Spawn is lighter in weight.

This is furnished in three varieties, Pure White, Cream, and Light Brown, at the following prices. One quart is enough for 30 to 40 square feet.

1-quart size.....$1 10 **12-quart**.....$11 00
6-quart..... 6 00

This Spawn is dried thoroughly and shipped in cartons. It will keep in perfectly healthy condition for twelve months.

American Pure-Culture Spawn

Ten pounds will spawn 10 feet square

This type produces larger Mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen Mushrooms, and is propagated and transferred to the bricks of manure, which, when planted, produce Mushrooms all of one type.

Per Brick (about 1½ lbs.).$0 30 **Per 25 Bricks**.....$5 50
Per 10 Bricks..... 2 50 **Per 100 Bricks**.....20 00

OKRA, or GUMBO

GOMBAUD Gafran *Ibisco*

Allow 1 ounce for 100 feet of drill; 8 pounds per acre

WHITE VELVET. Very distinct in appearance; pods are perfectly round, smooth and of a white velvety appearance and of superior flavor. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts.**

DWARF-POD OKRA. Oz. 15 cts., ¼lb. 35 cts., lb. 85 cts.

KLECKLEY'S FAVORITE. Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts.

LADY FINGER. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

LONG GREEN. Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.

PERKINS' MAMMOTH. Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.

PARSLEY

PERSIL Petersilie *Prezzemolo*

Allow 1 ounce for 150 feet of drill; 4 pounds per acre

EXTRA DOUBLE CURLED. This is a good variety for the market-gardener, as it produces intensely curled rich green leaves of good size, with long stems, which make it easy to bunch. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.**

HARDY CURLED. A type produced under rigorous northern conditions, and therefore suited for standing through into winter. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

CHAMPION MOSS CURLED. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

HAMBURG or ROOTED. Oz. 15 cts., ¼lb. 45 cts., lb. $1.10, 10 lbs. $10.

PLAIN or ITALIAN. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.

PARSNIP

PANIAS Pastinake *Pastinaca*

Allow 1 ounce for 150 feet of drill; 5 pounds per acre

S. & W. CO.'S IMPROVED HOLLOW-CROWN. A great improvement over the present Hollow-Crown variety; clean, well shaped, thick shoulder, and smooth. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

NEW INTERMEDIATE, S. & W. CO.'S. Oz. 30 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.

PEANUTS

CULTURE.—These require similar soil conditions to garden corn, and they take about as long to grow. Remove the outer shell carefully, taking care not to damage the kernels, and sow the latter in drills 2½ feet apart and 1½ inches deep. Allow 9 inches between one "nut" and the next in the row.

IMPROVED SPANISH. Lb. 35 cts.

CALIFORNIA LONG RED. Lb. 35 cts.

S. & W. CO.'S IMPROVED HOLLOW-CROWN PARSNIPS

New Celery = Bokay

A new variety that we are offering to the grower desirous of securing the finest green Celery on the market today

TESTIMONIAL

I wish to make a report on the seed of the Bokay Celery Seed you sent me. The seed was sowed May 10, when the ground was very wet; the seed germinated well and the plants grew fast; they were transplanted July 3. I wish to state here that the ground had Celery on it last year and blighted so badly that the crop was ruined. No manure was used, or has been on this land for five or six years. I used 1,500 pounds per acre of a 5–8–7 fertilizer. The Celery made a very rapid growth. On August 18 I put paper on the sides of the rows, used 18-inch paper and this was not wide enough, as at this time the Celery was over 24 inches high. I left part of the Celery with no paper on until three weeks ago, when I put paper on that and today, October 23, I cut Celery 36 inches high after it was trimmed for market. I wish you could see it—it is a sight.

The quality is the best I ever had; the stalks are nearly solid and round, not flat like most Celery; no blight or disease of any kind. It can't be beat.

I want some more of the seed for next year.

BOKAY CELERY has been developed from our Earligreen variety, which has proved so popular for the home gardener. The ribs are about same length as Golden Plume (which variety we also introduced) and are more fleshy and rounder than the Easy-Blanching. It has a good golden heart and the bouquet effect of the green ribs with the beautiful heart induced us to name this new variety BOKAY.

BOKAY CELERY is hardy, withstanding frost and drought better than other varieties, and you will also find it a particularly desirable variety to sell to the trade wanting a good green Celery without bleaching. Has good height, which is so desirable for those who ship in crates.

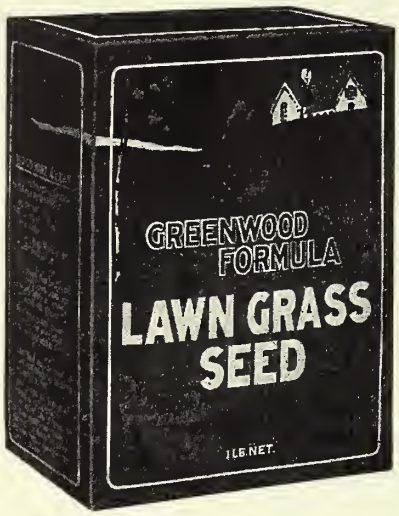
Pkt. 25 cts., ¼oz. 75 cts., ½oz. $1.35, oz. $2.50, ¼lb. $7.50, lb. $25

STUMPP & WALTER CO.

30-32 Barclay Street, New York

New Address after February 1, 1932: 132–138 Church Street at Warren Street, New York

Greenwood Formula Lawn Grass Seed



IN keeping with the high quality of GREENWOOD FORMULA, we are packing it in a very attractive one-pound carton, on which the artist has produced an unusual effect in a strong combination of colors that will make a splendid display in your store or window. Also packed in strong, two-colored, 5-pound cotton bags. Cartons and bags do not show our address.

Remember GREENWOOD is strictly a first-class formula. The ingredients are well balanced and designed to fill a twofold need: (*a*) For the dealer who aims to supply quality goods in bulk or containers, and (*b*) the landscape man who is anxious to sow a mixture that he knows is made up of grasses with highest tests and remachined for elimination of weeds. In spite of its superfine quality, the price is right; namely:

1-lb. cartons (50 to a case), retail price 50 cts. each	$14.00 per case.
5-lb. bags (10 to a case), retail price $2.25 each	13.50 per case.
100-lb. bags	24.00 per 100 lbs.
500 lbs.	115.00 per 500 lbs.
1,000 lbs.	220.00 per 1,000 lbs.
2,000 lbs.	420.00 per 2,000 lbs.

We are unable to split cases or sell in bulk under 100-lb. bags

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Posters and Window Strips furnished without charge

ONION

OIGNON Zwiebel *Cipolla*

Allow 1 ounce for 100 feet of drill; 6 pounds per acre

S. & W. CO.'S SOUTHPORT WHITE GLOBE. Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained, and of mild flavor. To produce the beautifully white Onions, so much sought in every market, one must, first of all, have good seed. Second, grow them well on rich land. Third, exercise great care in harvesting and curing the crop. In Southport, they "cord" up the Onions in long rows, the bulbs on the inside, and cover with boards so that the bulbs in the open air are well protected from rain or dew, which would be sure to discolor them. We have, by years of careful selection and breeding, developed a strain which has no equal in uniformity and beauty of shape and color. ½oz. 25 cts., oz. 40 cts., ¼lb. $1.15, lb. $3.25, 10 lbs. $31.50.

S. & W. CO.'S SOUTHPORT RED GLOBE. Similar to White Globe, except the skin is a purplish crimson. The market-gardener who has grown our Southport Globe strains will doubtless realize that nowhere can any better or more uniform strain, true to type, be produced. ½oz. 20 cts., oz. 30 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $24.

S. & W. CO.'S SOUTHPORT YELLOW GLOBE. The enormous quantities of this Onion annually sent to market prove its popularity, and it is more largely grown than any other sort. We can confidently claim superiority for our strain of seed; it produces large and uniformly spherical bulbs with very small necks. The largest diameter is below the center of the bulb. The color is a rich orange-yellow. Keeps splendidly. ½oz. 20 cts., oz. 30 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $24.

WHITE PORTUGAL or SILVERSKIN. A leading white, flat Onion. The bulbs ripen early, are flat but symmetrical. It is not only early, but a good keeper. ½oz. 20 cts., oz. 35 cts., ¼lb. $1, lb. $3, 10 lbs. $29.

AILSA CRAIG, S. & W. CO.'S SELECTED. ½oz. 30 cts., oz. 55 cts., ¼lb. $1.50, lb. $4, 10 lbs. $38.50.

BERMUDA, RED. ½oz. 30 cts., oz. 50 cts., ¼lb. $1.50, lb. $4, 10 lbs. $37.50.

BERMUDA, WHITE. ½oz. 30 cts., oz. 50 cts., ¼lb. $1.50, lb. $4, 10 lbs. $37.50.

CRYSTAL WHITE WAX. ½oz. 45 cts., oz. 85 cts., ¼lb. $2.25, lb. $7, 10 lbs. $67.50.

GIGANTIC GIBRALTAR. ½oz. 25 cts., oz. 45 cts., ¼lb. $1.30, lb. $3.50, 10 lbs. $34.

IDEAL YELLOW GLOBE. ½oz. 20 cts., oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.50.

LARGE RED WETHERSFIELD. ½oz. 20 cts., oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.50.

PRIZETAKER. ½oz. 20 cts., oz. 30 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $24.

WHITE WELSH. ½oz. 25 cts., oz. 40 cts., ¼lb. $1.15, lb. $3.25.

YELLOW GLOBE DANVERS. ½oz. 20 cts., oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.50.

HARDY WINTER ONION

VAUGIRARD. ½oz. 25 cts., oz. 40 cts., ¼lb. $1.15, lb. $3.25, 10 lbs. $31.50.

PICKLING ONIONS

WHITE BARLETTA. (For pickling.) When matured, the tops die down, leaving beautiful and perfect little bulbs. The color is pure white, flavor mild and delicate, perfectly adapted for pickling and table use; and makes a pretty bunch Onion, especially if grown by the transplanting method. A valuable variety. ½oz. 20 cts., oz. 30 cts., ¼lb. 90 cts., lb. $2.50, 10 lbs. $24.

QUEEN. ½oz. 20 cts., oz. 30 cts., ¼lb. 80 cts., lb. $2.25, 10 lbs. $21.50

HARVESTING SOUTHPORT YELLOW GLOBE ONIONS

ONION SETS

	Pk.	Bus.
WHITE GLOBE	$1 50	$4 50
YELLOW GLOBE	1 35	4 00
RED GLOBE	1 35	4 00
YELLOW EBENEZER or JAPANESE	1 50	4 50
WHITE MULTIPLIER	1 75	6 00
YELLOW MULTIPLIER	1 75	6 00

Prices on Onion Sets are subject to change. Write for latest prices

GARLIC SETS

Allow 1 pound for 200 feet of drill

CULTURE.—Break up the sets or bulbs into the smaller scale-like portions and plant these 6 inches apart in rows 1 foot apart. As soon as the leaves have turned, the crop is matured, and may be harvested like the onion. Lb. 50 cts., 5 lbs. $2.25.

PUMPKIN

POTIRON Große Kürbiß *Zucca*

Allow 1 ounce for 30 hills; 4 pounds per acre

LARGE CHEESE. Fruit flattened; skin mottled light green and yellow, changing to rich cream-color as it matures; flesh tender and of excellent quality. Oz. 15 cts., ¼lb. 40 cts., lb. $1.

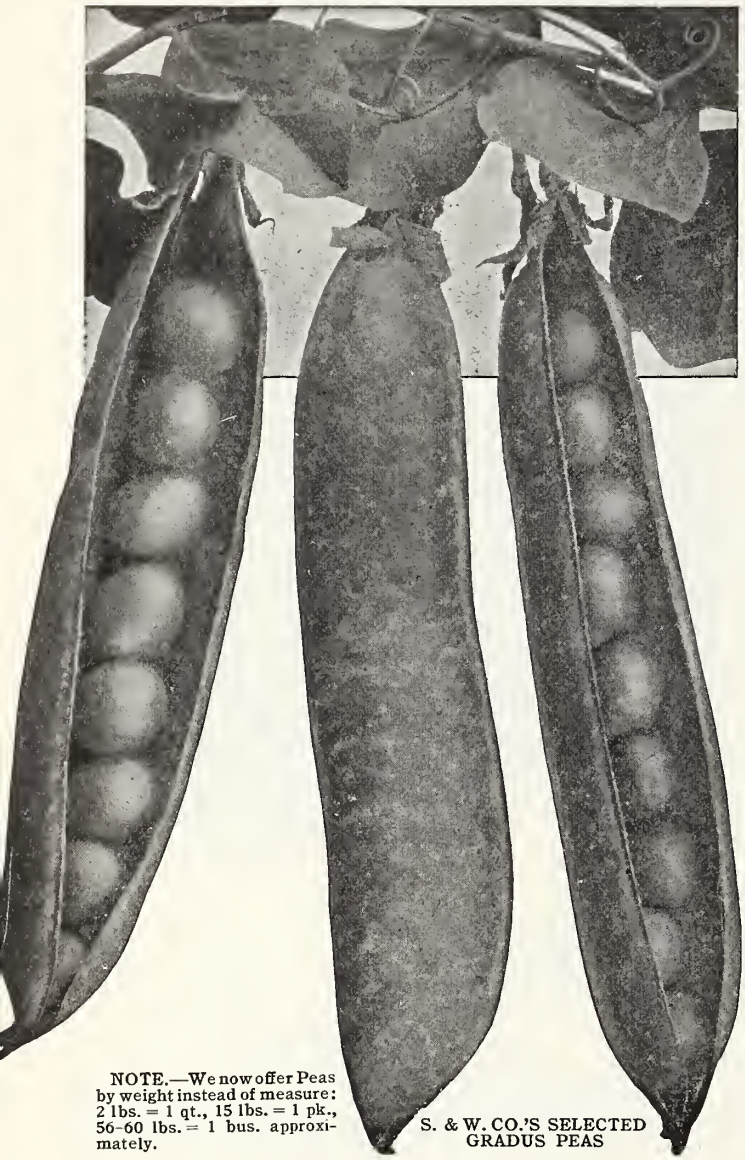
WINTER LUXURY. This we recommend as one of the best pie Pumpkins; an excellent keeper and enormously productive. The skin is very finely netted and in color is a golden russet. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.

CONNECTICUT FIELD. Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.

KING OF THE MAMMOTHS. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

MAMMOTH TOURS. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

SWEET or SUGAR (New England Pie). Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.



NOTE.—We now offer Peas by weight instead of measure: 2 lbs. = 1 qt., 15 lbs. = 1 pk., 56-60 lbs. = 1 bus. approximately.

S. & W. CO.'S SELECTED GRADUS PEAS

PEAS

Pois Erbsen *Pisello*

Allow 1 pound for 100 feet of drill; 100 pounds per acre

EARLY SMOOTH-SEEDED SORTS

FIRST OF ALL or PEDIGREE EXTRA-EARLY. The characteristics of this variety are extreme hardiness and earliness. The first planting of Peas should be with First of All. It is a smooth-seeded variety, a splendid cropper, Peas very tender, of good flavor and carried in long, tightly filled pods. Height 2½ feet. **5 lbs. $1.15, 15 lbs. $3, 60 lbs. (bus.) $11, 10 bus. $100.**

MARKET SURPRISE. On vines 3 feet tall, Market Surprise bears 3½-inch pods in great quantities, within 60 days from date of sowing. It is thus but four days later than the best Extra-Early, while the pods contain on an average two more Peas, and the Peas are larger. They are of truly remarkable sweetness. Home-gardeners, as well as truckers, will find this new sort a big surprise in every way. **5 lbs. $1.35, 15 lbs. $3.65, 60 lbs. (bus.) $13, 10 bus. $120.**

EARLY BIRD. 5 lbs. $1.25, 15 lbs. $3.25, 60 lbs. (bus.) $12, 10 bus. $110.

EIGHT WEEKS. 5 lbs. $1.35, 15 lbs. $3.65, 60 lbs. (bus.) $13, 10 bus. $120.

PILOT. 5 lbs. $1.25, 15 lbs. $3.25, 60 lbs. (bus.) $12, 10 bus. $110.

EARLIEST WRINKLED SORTS

WORLD'S RECORD. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its *earliness*. **5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.**

GRADUS or PROSPERITY. The vine has heavy stems, with large, light green leaves and grows about 3 feet high. It produces uniformly large pods, measuring from 4 to 4½ inches in length, nearly round and well filled with very large, handsome Peas of the finest flavor; very early, ready for picking after First of All is through, and leaves little to be desired. Height 3 feet. **5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.**

LAXTONIAN. A very fine dwarf early Pea. Unusually large pods, borne on long-growing, sturdy vines. The large pods are filled with large, luscious Peas. It is ready for use about a week later than the very early sorts. The plant grows about 1½ feet high, and is of a rich dark green color. **5 lbs. $1.50, 15 lbs. $3.75, 56 lbs. (bus.) $13, 10 bus. $120.**

LAXTON'S PROGRESS. A large-podded, dwarf, sweet Pea. Pods and vine deep green. Pods 4 inches long, containing eight Peas. Season same as Laxtonian. Height 20 inches. **5 lbs. $1.35, 15 lbs. $3.65, 56 lbs. $13, 10 bus. $120.**

DELICIOUS. A new and outstanding variety. Season between Laxtonian and Potlach. Large pods of exceptional quality. Height 20 inches. **5 lbs. $2.25, 15 lbs. $6, 56 lbs. $18.50.**

LITTLE MARVEL. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.

THOMAS LAXTON. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.

SUTTON'S EXCELSIOR. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.

MIDSEASON AND MAIN-CROP

ALDERMAN. Grows to a height of 5 to 6 feet, and should be supported with brush or trellis. The pods contain seven large, elongated, dark green Peas of the highest quality. **5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.**

BOSTON UNRIVALED or TELEPHONE. This variety is much like Alderman, with vines fully as tall, pods slightly smaller, lighter green, and bears right up to the season of the very late sorts. The Peas are every bit as tender, but pods are lighter green in color, and sweet. Height 5 feet. **5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.**

ADMIRAL BEATTY. 5 lbs. $2, 15 lbs. $5.50, 56 lbs. (bus.) $18.50, 10 bus. $175.

CHAMPION OF ENGLAND. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $11.50, 10 bus. $105.

POTLACH. 5 lbs. $1.25, 15 lbs. $3.25, 56 lbs. (bus.) $12, 10 bus. $110.

QUITE CONTENT. 5 lbs. $1.65, 15 lbs. $4, 56 lbs. (bus.) $15, 10 bus. $140.

SUGAR or EDIBLE-POD PEAS

LUSCIOUS MELTING SUGAR. Grows about 5 feet high; pods are very tender. **5 lbs. $1.35, 15 lbs. $3.50, 60 lbs. (bus.) $13.50, 10 bus. $125.**

VERY DWARF WHITE SUGAR. 5 lbs. $1.25, 15 lbs. $3.25, 60 lbs. (bus.) $11.50, 10 bus. $105.

PEPPER

PIMENT Pfeffer *Peperone*

One ounce produces 1,000 plants; allow ½ pound per acre

LARGE BELL or BULL NOSE. A large early variety of pleasant flavor, usually mild and sweet. The standard sort for pickling, for use green, or for ripening into red Peppers. The fruits are 2 inches in diameter, 3 inches long, and blunt pointed. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

SWEET MOUNTAIN or MAMMOTH. The fruits are frequently 6 inches long and 4 inches through. Shining deep green when young and handsome scarlet when ripe. Unusually mild and sweet. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

RUBY KING. The handsome fruits are 4½ to 6 inches long, 4 inches thick, and bright red. Ruby King is used very largely for pickles, and it is equally suited for slicing. The flavor of the fruits is mild and pleasant, with just a slight suspicion of piquancy. ½oz. 35 cts., oz. 60 cts., ¼lb. $1.50, lb. $4.

SUNNYBROOK CHEESE. A very prolific and popular canning variety. Fruits average 3 inches in diameter and 2 inches deep. The skin is smooth and of deep scarlet color and the flesh is thick and sweet. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

WORLD-BEATER. A cross between Chinese Giant and Ruby King. The fruits average 5 inches long by 3½ inches in diameter. Flesh thick and mild. Good shipper. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

ANAHEIM CHILI. ½oz. 45 cts., oz. 80 cts., ¼lb. $2.20, lb. $6.
CHERRY-RED. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.
CHINESE GIANT. ½oz. 55 cts., oz. $1, ¼lb. $3.25, lb. $10.
LONG RED CAYENNE. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.
NEAPOLITAN. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.
PERFECTION PIMIENTO. ½oz. 35 cts., oz. 65 cts., ¼lb. $1.75, lb. $5.

POTATOES

IRISH COBBLER
EARLY ROSE
GOLD COIN
EARLY BOVEE
RUSSET
GREEN MOUNTAIN

Prices on application

RUBY KING PEPPER

WHITE-TIP SPARKLER RADISH

RADISH

RADIS ET RAVE Radies und Rettig *Ravanello*

Allow 1 ounce for 100 feet of drill; 10 pounds per acre

EARLY SPRING SORTS

Produced from transplanted roots. Every Radish carefully inspected and selected before setting out for seed production.

EARLY SCARLET GLOBE. One of the most popular Radishes for commercial growth outdoors or for forcing under glass. We offer a specially refined stock; uniform globe shape, bright attractive scarlet color, and moderately small top. Within, the flesh is crisp and ice-white. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50, 100 lbs. $85.

WHITE-TIP SPARKLER. Most dainty in appearance; the upper half of the root is bright scarlet and the lower portion pure white. The two colors are sharply defined and do not merge into each other, as in ordinary white-tipped Radishes. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50, 100 lbs. $85.

SAXA. Very early, globular Radish of bright scarlet color; mild, tender, crisp, and solid; of good quality and has small top. An excellent variety, particularly desirable for forcing in greenhouses or frames. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25.

S. & W. CO.'S TWENTY-DAY LEAFLESS. The quickest maturing of all Radishes. The Radishes are oval in shape, bright scarlet in color, with a tip of white. When mature the plant has but two small leaves, just sufficient for bunching. Oz. 25 cts., ¼lb. 75 cts., lb. $2, 10 lbs. $19.

CINCINNATI MARKET. Oz. 15 cts., ¼lb. 40 cts., lb. 90 cts., 10 lbs. $8.50.

FRENCH BREAKFAST. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.

ICICLE. Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.

OLIVE-SHAPED SCARLET. Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.

OLIVE-SHAPED WHITE. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

SCARLET TURNIP. Oz. 15 cts., ¼lb. 35 cts., lb. 75 cts., 10 lbs. $7, 100 lbs. $65.

WHITE BOX. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

WHITE-TIPPED SCARLET TURNIP. Oz. 15 cts., ¼lb. 35 cts., lb. 85 cts., 10 lbs. $8.25.

EARLY SCARLET GLOBE AND FRENCH BREAKFAST RADISHES

SUMMER RADISHES

These sorts usually attain a larger size than the preceding early varieties, maturing in six to eight weeks.

WHITE STRASBURG. Somewhat pointed, 4 to 5 inches long and about 2 inches in diameter; flesh white and tender. Roots may be pulled six weeks after sowing. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.**

GIANT WHITE STUTTGART. Root top-shaped, often 3 to 4 inches in diameter, and about 3 inches in depth; skin and flesh white. Matures in six to eight weeks, but is usually pulled about five weeks from sowing. **Oz. 15 cts., ¼lb. 40 cts., lb. $1.10, 10 lbs. $10.50.**

GOLDEN YELLOW OVAL. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

WHITE VIENNA. Oz. 15 cts., ¼lb. 35 cts., lb. 90 cts., 10 lbs. $8.75.

TOBACCO

One ounce of seed will produce sufficient plants for one acre

Sow under glass during February and plant out, 3 feet apart each way, during early June.

CONNECTICUT SEED-LEAF. A variety which can be used for cigar wrappers and for general purposes. **Oz. 50 cts.**

NARROW-LEAF ORONOKO. Oz. 50 cts.

QUESNEL. Oz. 75 cts.

WINTER RADISHES

ROUND BLACK SPANISH. Root rounded or top-shaped, from 3 to 4 inches in diameter and about 3 inches long; skin black; flesh white and firm. A good keeper. **Oz. 15 cts., ¼lb. 35 cts., lb. 85 cts., 10 lbs. $8.25.**

CALIFORNIA MAMMOTH WHITE WINTER. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

HALF-LONG BLACK SPANISH. Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.

LONG BLACK SPANISH. Oz. 15 cts., ¼lb. 35 cts., lb. 95 cts., 10 lbs. $9.25.

ROSE CHINA WINTER. Oz. 15 cts., ¼lb. 40 cts., lb. $1.

SAKURAJIMA. Oz. 35 cts., ¼lb. 90 cts., lb. $2.50.

RHUBARB SEED

RHUBARBE Rhababer *Rabarbaro*

VICTORIA. Oz. 30 cts., ¼lb. 75 cts., lb. $2.

RHUBARB ROOTS

Small Clumps, $1.10 per doz., $8 per 100.

Large Clumps, $2 per doz., $15 per 100.

SAGE

COMMON. An herb often used for cooking and in medicine. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

SUMMER SAVORY

SARRIETTE Bohnenkraut *Santoreggia*

An annual plant, the leaves and young shoots of which are used for flavoring. **Oz. 30 cts., ¼lb. 75 cts., lb. $2.**

SALSIFY

SALSIFIS Haferwurzel *Barba di becco*

Allow 1 ounce for 50 feet of drill; 6 to 8 pounds per acre

MAMMOTH SANDWICH ISLAND. Valuable improvement on the ordinary type, producing larger, thicker, and grayer roots. **Oz. 35 cts., ¼lb. 90 cts., lb. $2.50.**

SORREL

OSEILLE Sauerampfer *Acetosa*

BROAD-LEAVED WHITE CHAMBOUREY. Vigorous, large-leaved variety, which is still paler in color than the ordinary type. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50.**

MARKET GARDEN. A narrow-leaf type developed by a New York market-grower, and found specially suitable for metropolitan trade. **Oz. 55 cts., ¼lb. $1.50, lb. $4. 10 lbs. $37.50.**

SCORZONERA (Black Salsify)

One ounce will sow about 50 feet of drill

CULTURE.—Cultivate the same as salsify. The roots should not be scraped, but simply washed, boiled tender, then peeled and served like asparagus.

IMPROVED. Oz. 55 cts., ¼lb. $1.50, lb. $4.

SEA KALE

One ounce will produce about 300 plants

Sow an inch deep in drills 2 feet apart, thin out to 6 inches, and the next spring plant in hills 3 feet apart. Sea Kale is cultivated somewhat like asparagus and, like it, the crop is not available until the third year from seed, after which the bed will bear for a number of years. The blanched leaf-stalks are boiled and served with cream sauce. A very usual method of cultivation is to dig the roots and "force" them during winter in the same way as Witloof is grown.

SEA-KALE SEED. Oz. 65 cts., ¼lb. $1.75, lb. $5.

NEW YORK MARKET SPINACH

SPINACH

EPINARD Spinat *Spinaccio*

Allow 1 ounce for 100 feet of drill; 15 pounds per acre

S. & W. CO.'S EMERALD STANDING. A very large and vigorous type of compact, flat, spreading growth. The leaves are large, thick, slightly crumpled, very fleshy, and carried on long stems. The color is a very dark green. The most important point about this Spinach, however, is that *it stands fully one month longer than any other variety* before bolting to seed. In spite of this, it is quite early to mature. **Oz. 10 cts., ¼lb. 20 cts., lb. 50 cts., 10 lbs. $4.50, 100 lbs. $40.**

S. & W. CO.'S SAVOY-LEAVED or BLOOMSDALE. A variety highly valued alike by market-growers and home-gardeners. The leaves are wrinkled and crumpled. The variety is profitable on account of the heavy yield of produce, and it is particularly hardy. **Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.**

S. & W. CO.'S NEW YORK MARKET. This Spinach grows rapidly and produces unusually large, thick, crumpled leaves of beautiful green. Properly cultivated and manured, the plants very often measure 2 feet across, and stand the winter better than any other sort of Spinach. **Lb. 40 cts., 10 lbs. $3.25, 100 lbs. $30.**

LONG-STANDING SAVOY. It is just as early as Bloomsdale of the ordinary type, but it stands nearly two weeks longer before bolting. The leaves are intensely crumpled or blistered, very uniform, and of a deep glossy green color. **Lb. 40 cts., 10 lbs. $3, 100 lbs. $27.50.**

BLIGHT-RESISTANT SAVOY. An improved stock of this strain. Recommended especially for late summer planting. **Lb. 40 cts., 10 lbs. $3.50, 100 lbs. $32.50.**

LARGE THICK-LEAVED. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.

LONG-STANDING VICTORIA. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.

MONSTROUS VIROFLAY. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.

LONG SEASON. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.

PRICKLY or WINTER. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.

PERPETUAL SPINACH. A distinct plant which yields continuously. **Oz. 25 cts., ¼lb. 65 cts., lb. $1.75.**

PRINCESS JULIANA. Good for spring or autumn planting. **Lb. 40 cts., 10 lbs. $3.25, 100 lbs. $30.**

NEW ZEALAND SPINACH

TETRAGONE Neuseelandischer Spinat *Tetragona*

An annual plant grown to take the place of ordinary Spinach during the hottest months of the summer. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.**

SQUASH

COURGE Kürbis *Zucca*

SUMMER VARIETIES

Allow 1 ounce for 25 hills; 5 pounds per acre

GIANT BUSH SUMMER CROOKNECK. The Crookneck class of Squash surpasses in quality any of the summer varieties, and in the Giant Bush we have the delicious, buttery, rich flavor of the original sort, but of just double the size. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

LONG ISLAND WHITE BUSH. A selection of the Old White Bush Scalloped, and a vast improvement upon it, having less prominent ridges and being much deeper, so that a single Squash actual'y contains nearly twice as much weight for the same cubic measurement as the old sort. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

STRAIGHTNECK. A selection from Giant Bush Summer Crookneck but with straight necks, making it easier for trucker to pack in crates or barrels. **Oz. 25 cts., ¼lb. 75 cts., lb. $2.**

COCOZELLE. Italian Vegetable Marrow, New York Market. An improved type. See page 5. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50, 10 lbs. $34.**

COCOZELLE. Ordinary type. Stems are very thick and short; fruit about 20 inches long and 3 to 4 inches in diameter, furrowed by five ribs; skin dark green, striped lighter green. Usually eaten when quite young and hardly the size of a small cucumber. **Oz. 20 cts., ¼lb. 50 cts., lb. $1.50, 10 lbs. $14.**

ZUCCHINI. An Italian Squash of the Cocozelle order that is quite a favorite. There are several types of Italian Squash which have been confused with Zucchini. We have the true strain, prolific and delicious. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

FALL or WINTER SQUASHES

Allow 1 ounce for 50 hills; 4 pounds per acre

CHICAGO or WARTED HUBBARD. This is a selection of the largest and best rough-skinned specimens of the Green Hubbard. The strain is an ideal winter Squash for the home market. The vines are of strong, robust growth; fruits very large, heavily warted, splendid shape, and dark green; flesh rich and dry. **Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.**

BOSTON MARROW. A very popular Squash for fall or winter use. Bright orange-color, flesh yellow; oval in form. A splendid keeper and excellent for pies. **Oz. 15 cts., ¼lb. 40 cts., lb. $1.**

DELICIOUS. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

GOLDEN HUBBARD. Oz. 20 cts., ¼lb. 55 cts., lb. $1.50, 10 lbs. $14.25.

HUBBARD. Oz. 20 cts., ¼lb. 50 cts., lb. $1.35, 10 lbs. $12.50.

ENGLISH VEGETABLE MARROW

LONG GREEN TRAILING. Oz. 30 cts., ¼lb. 75 cts., lb. $2.

LONG WHITE TRAILING. Oz. 35 cts., ¼lb. 90 cts., lb. $2.50.

MOORE'S CREAM. Oz. 35 cts., ¼lb. $1, lb. $2.75.

MIXED VEGETABLE MARROW. Oz. 30 cts., ¼lb. 80 cts., lb. $2.25.

SWISS CHARD

POIREE Bieſſkohl *Bieta*

Allow 1 ounce for 100 feet of drill; 5 pounds per acre

GREEN LYON. A vigorous-growing stocky type. The leaves are smooth, and the stalks are solid, thick, and creamy white. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

GIANT LUCULLUS. Plants of this variety grow to a height of 2 to 2½ feet. The stalks are quite thick, 1½ inches broad, heavily ribbed and from 10 to 12 inches long below the leaf. These stalks are splendid when cooked and served in the same manner as asparagus. The extra-large leaves are sharply pointed at the top, while in texture they are heavily crumpled. **Oz. 15 cts., ¼lb. 40 cts., lb. $1.10, 10 lbs. $10.50.**

MAMMOTH NEW YORK. Oz. 35 cts., ¼lb. 90 cts., lb. $3, 10 lbs. $25.

TOMATO

POMME D'AMOUR Liebesapfel *Pomo d'oro*

One ounce produces 1,500 plants; allow ¼ pound per acre

EARLY SORTS

CHALK'S EARLY JEWEL. About a week later than Earliana. It is of uniformly large size; of brightest red, deep-fruited, and solid. Bears splendid, large-sized Tomatoes throughout the season, and for quantity and quality of fruit it is easily without a rival among the best extra-earlies. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

EARLIANA. **The Earliest Red Tomato.** The plants are of compact growth, with short, close-jointed branches, setting the fruit very freely in the center. The fruits are of uniform size, averaging 3 inches in diameter, and from 2 to 2½ inches in depth; solid, with few seeds, making a splendid variety for shipping. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

JOHN BAER. An early, bright red Tomato of wonderful quality. But little later than Earliana, it far surpasses that variety in size and quality; it is, further, one of the heaviest-yielding sorts we know. The flesh is solid, possessing a fine flavor, free from acid. The fruits contain remarkably few seeds. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

BONNY BEST. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

JUNE PINK. **Oz. 65 cts., ¼lb. $1.75, lb. $5.**

ESSEX WONDER. **Pkt. 50 cts.**

SECOND-EARLY or MAIN-CROP TOMATOES

STONE. By far one of the best and most reliable of the main-crop red Tomatoes and the standard and general favorite with truckers and canners. The plant is very vigorous and the deep red fruits are produced freely; they are uniform, large, round, smooth, mealy, and possess very little core. The flavor is fine and non-acid. Stone is superior to any other main-crop Tomato for its heavy yield and high quality. We offer a specially selected stock. **Oz. 45 cts., ¼lb. $1.30, lb. $3.50.**

GLOBE. It is of a beautiful globe shape, with quite a percentage of elongated (stem to blossom) fruits, which permits of a greater number of slices being taken than with flat-fruited sorts. Among the very first to ripen, although of large size; very smooth, firm-fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short-jointed, branching plants in great abundance—literally loaded with fruit. A good general cropper, and one of the very best for greenhouse growing, or first-early crop. **Oz. 55 cts., ¼lb. $1.65, lb. $4.50.**

MARGLOBE. A wonderful Tomato introduced by the U. S. Department of Agriculture. Its disease-resistant, shipping, and heavy yielding qualities have made it a favorite with the market-grower. It bears perfect, deep globe-shaped fruits that are smooth, of a beautiful scarlet color, and of splendid eating quality. **½oz. 40 cts., oz. 70 cts., ¼lb. $2, lb. $6.**

BREAK O'DAY. See page 5. **½oz. 60c., oz. $1, ¼lb. $3, lb. $10.**

PONDEROSA. Enormous size is the chief characteristic of this variety. The fruit is deep purple, oblong in form, ridged or ribbed, and with small seed-cells. **½oz. 45 cts., oz. 80 cts., ¼lb. $2.25, lb. $7.**

CRIMSON CUSHION (Beefsteak). **½oz. 45 cts., oz. 80 cts., ¼lb. $2.25, lb. $7.**

DWARF CHAMPION. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

DWARF STONE. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

EXHIBITION GLOBE, S. & W. CO.'S. **½oz. 45 cts., oz. 80 cts., ¼lb. $2.25, lb. $7.**

GOLDEN PONDEROSA. **Oz. 80 cts., ¼lb. $2.25, lb. $7.**

MATCHLESS. **Oz. 65 cts., ¼lb. $1.75, lb. $5.**

FORCING TOMATOES

COMET. **½oz. 45 cts., oz. 75 cts., ¼lb. $2, lb. $5.50.**

BEST OF ALL, S. & W. CO.'S. **½oz. 50 cts., oz. 90 cts., ¼lb. $2.40, lb. $6.50.**

STIRLING CASTLE. **½oz. 50 cts., oz. 90 cts., ¼lb. $2.40, lb. $6.50.**

SUNRISE. **½oz. 45 cts., oz. 75 cts., ¼lb. $2, lb. $5.50.**

SMALL-FRUITING TOMATOES

KING HUMBERT. In shape and size, King Humbert is suggestive of a hen's egg. The fruits are bright scarlet in color and are frequently produced in enormous clusters.

Yellow Cherry	Red Pear-shaped
Red Cherry	Yellow Pear
Red Currant	Red Plum
Peach	Yellow Plum

Strawberry or Husk Tomato

Each, oz. 80c., ¼lb. $2, lb. $6

TURNIP

NAVET Weißerübe *Navone*

Allow 1 ounce for 150 feet of drill; 3 pounds per acre

PURPLE-TOP WHITE GLOBE. This variety may be grown to quite a large size without developing signs of coarseness. It is of spherical shape, the skin white with the upper one-third colored reddish purple. The flesh is pure white, firm, fine-grained, and of superior flavor. It is one of the best sorts to store for winter, and, in addition to its fine table qualities, it is excellent and economical for stock-feeding. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

EARLY PURPLE-TOP MILAN. An excellent smooth-skinned flat Turnip; the upper portion is tinted purple, but the flesh is pure white, delicate, and sweet. Quite the earliest Turnip in cultivation. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

EARLY WHITE MILAN. One of the earliest white varieties, with small leaves. Used for spring and summer planting, furnishing a continuous supply of fine-flavored, tender-skinned Turnips; clear ivory-white inside and out. **Oz. 20 cts., ¼lb. 45 cts., lb. $1.25, 10 lbs. $12.**

LONG WHITE or COWHORN. **Oz. 15 cts., ¼lb. 30 cts., lb. 85 cts., 10 lbs. $8.25.**

GOLDEN BALL or ORANGE JELLY. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.**

RED-TOP STRAP-LEAF. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.**

SEVEN-TOP. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.**

SNOWBALL. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.**

WHITE EGG. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.**

WHITE FRENCH or SWEET GERMAN. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

WHITE STRAP-LEAF. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.**

YELLOW STONE. **Oz. 15 cts., ¼lb. 30 cts., lb. 75 cts., 10 lbs. $7.25.**

RUTABAGA (Russian or Swedish Turnip)

S. & W. CO.'S LONG ISLAND IMPROVED. This special strain of Rutabaga is grown on Long Island by a very careful grower. It is of a remarkably uniform shape and fine quality, and is also a splendid keeper. It grows to a large size, the skin is smooth, and flesh is beautiful yellow and fine-grained. **Oz. 15 cts., ¼lb. 40 cts., lb. $1, 10 lbs. $9.50.**

IMPROVED AMERICAN PURPLE-TOP. **Oz. 15c., ¼lb. 35c., lb. 85c., 10 lbs. $8.**

THYME

BROAD-LEAVED ENGLISH. **Oz. 55 cts., ¼lb. $1.50, lb. $4.**

High-Grade CENTRAL PARK Lawn Grass Seed

WEIGHS 22 POUNDS PER BUSHEL. *Pure fine lawn seeds only—contains no timothy*

Our **"High-Grade" Central Park Lawn Grass Seed** is composed of the very finest recleaned grasses, free from weeds and all foreign matter, and where a strictly first-quality Grass Seed is wanted, we recommend this grade of seed. Remember our seed **weighs 22 lbs. to the measured bushel,** consists of fine turf-producing grasses, and requires only three to four bushels to the acre for new lawns and one to two bushels for renovating old lawns.

Sow **S. & W. Co.'s "High-Grade" Central Park Lawn Grass Seed** and you will obtain a beautiful, deep green lawn, which, owing to the varieties used in this mixture, will retain its velvety appearance during the entire summer.

One quart of our **"High-Grade" Central Park Lawn Grass Seed** is sufficient to sow about 15 feet square. To produce a good lawn it is always best to sow the seed thickly.

For quick results, double above rates of seeding

4 qts. $1.10, 8 qts. $2, bus. $6.50, 5-bus. bag, $6 per bus.

SPECIAL PRICES ON LARGE QUANTITIES

HIGH-GRADE CENTRAL PARK LAWN SEED

PUT UP IN ATTRACTIVE CARTONS FOR RETAILING

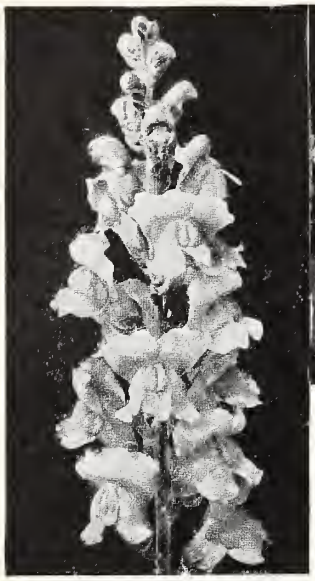
	Per doz.	Per case (36)	Retail selling price
Pints	$2 00	$5 00	25 cts. each
Quarts	3 50	9 00	45 cts. each
4-Quart Size	12 50		$1.50 each

S. & W. Co.'s Grass Seed Mixtures

SPECIAL PRICES ON LARGE QUANTITIES (Prices subject to market changes)

	Lbs. per bus.	Pts.	Qts.	4 qts.	Bus.	5 bus.
High-Grade Central Park Lawn Seed	22	$2 00 doz.	$3 50 doz.	$12 50 doz.	$6 50	$30 00
Sea Shore Lawn Seed	22		4 00 doz.	13 00 doz.	7 00	32 50
Terrace Sod Lawn Seed	20	Lb. size, $6.50 per doz. (Retail price, 75 cts. ea.)			10 00	45 00
Shady Place Lawn Seed	20	Lb. size, $6.50 per doz (Retail price, 75 cts. ea.)			10 00	45 00
Greenwood Formula	20					24 00
Greenwood Formula		1-lb. cartons (50 to a case), $14.00 per case				
Greenwood Formula		5-lb. bags (10 to a case), $13.50 per case				

Greenwood sold only in cases noted and 100 lbs. bulk bags. *See page 49 for separate varieties of grasses*



Super-Giant Snapdragons

Calendula, The Ball

Peony-flowered Aster

Carnation, Rasse Teicher

S. & W. Co.'s Novelties and

Super-Giant Snapdragons

Antirrhinum majus maximum

Each year we are greeted with numerous new varieties of this beautiful flower. Specialists vie with one another to produce finer strains. We have given trial to many of the recent introductions and find the following six varieties of excellent merit. Grow 3 feet high and the individual flowers are very large and the colors distinct.

Apple Blossom. Apple-blossom-pink.
Canary Bird. Canary-yellow with deeper yellow lip.
Copper King. Bronzy copper color.
Golden Queen. Deep yellow.
Snowflake. Dazzling white.
Wallflower. Dark wallflower-red.

Any of the above varieties, Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50

Cardinal Climber

Aquilegia (Columbine)

S. & W. Co.'s Giant Long-spurred

The seed of this splendid strain of Columbine is grown for us by a specialist known for his painstaking efforts to produce a superior class. The plants are of strong, thrifty growth and are perfectly hardy and bear long-spurred flowers of large size.

Blue Shades. A splendid selection of all shades from light to dark blue.
Pink Shades. Contains the various tones from light pink to darkest rose.
Scarlet Shades. Blossoms range through all the colors of light scarlet, dark scarlet and crimson.
Mixed Shades. Includes all shades from pure white to pink, rose, red, yellow, crimson, blue, and various bicolored flowers of superb quality and form.

Any of above shades, Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5

Long-spurred Aquilegia

Aster

New Giant Peony-flowered

This magnificent strain, which we introduced last season, has proved to be one of the finest Asters ever introduced. It has been grown by all the leading private gardeners and florists throughout the country, and has given them satisfaction in every way. It is exceptionally good for cutting; the stems are exceedingly upright, non-lateral branching. Flowers are splendid keepers, good shippers, and often exceed 6 inches in diameter. We offer this magnificent strain in the following six colors:

Apple Blossom — **Peach Blossom**
Azure-Blue — **White**
Rose — **Purple**

Any of above New Asters, Trade Pkt. 25 cts., ⅛oz. 60 cts., ¼oz. $1, oz. $3.50

Two Fine New Everblooming Begonias

Christmas Cheer

A magnificent novelty in the Everblooming or Semperflorens type of bedding Begonia. This variety bears flowers of enormous size, attaining a diameter of 2 inches, the plants being covered with a mass of blooms throughout the entire season. The color is a beautiful shade of bright cherry-red. This variety is particularly adapted for bedding purposes, being quite hardy and will thrive in either full sun or partial shade.

Christmas Pink

Same as above, except in color, which is a beautiful shade of bright pink.

Either of above, Trade Pkt. (about 1,000 seeds), $1; ⅛oz. (about 5,000 seeds), $2

Three New Florists' Calendulas

The Ball

A special florists' strain of Orange Calendula. The very large, orange-yellow flowers have a lighter center, are borne on long stems, and come uniformly double. This is an exceptionally fine Calendula for greenhouse growing. **¼oz. 30 cts., oz. $1, ¼lb. $3.50.**

Campfire (Sensation)

This new type has been thoroughly tested under glass and has been accepted as the best forcing Calendula for that use. The blooms are flat and are undoubtedly larger than those of any other type previously introduced. The color is brilliant orange, with a scarlet sheen and a full yellow center. **Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50.**

Radio

A Distinct Novelty

In Radio we offer a variety entirely new in Calendula. There have been many new Calendulas introduced during the past few years, but there has not been a distinct break in the formation of the flower. The flowers of Radio are globular, with beautifully quilled petals, and the color is a warm, deep yellow. **¼oz. 30 cts., oz. $1.**

Double Cornflower. See page 35

Cheiranthus Allioni

Gaillardia, The Dazzler

New Hybrid Delphinium

Specialties in Flower Seeds

New Florists' Carnation, Rasse Teicher

This is the best and most improved Florists' Carnation on the market today. It is much superior in size and form of bloom, and also in length of stem.

Both types require the same amount of space and treatment, but whereas the old type will produce a large proportion of single blooms, the doubles being of moderate size, this variety will produce enormous flowers equal to any grown under glass.

The culture is perfectly simple. If sown during August and September and treated like pansies, they will survive the winter and bloom profusely the following summer. They can also be started under glass in January and February and transplanted outside as soon as weather permits.

White **Scarlet**
Salmon **Dark Red** (crimson)
Rose **Purple**

Trade Pkt. (about 35 seeds), 25 cts., 100 seeds $1, 1,000 seeds $7.50

Cheiranthus Allioni

Siberian Wallflower

In presenting this beautiful little early-flowering perennial Wallflower with gorgeous orange flowers, we suggest it as a splendid little plant for the rock-garden or as a dwarf border plant. Will bloom throughout the summer if seed-pods are removed. May be sown in the open ground in September where required to flower the following spring, or will bloom first season from seed, if sown in a hotbed in March and transplanted outdoors in May. **¼oz. 25 cts., oz. 75 cts.**

Coreopsis, Perennial grandiflora flore-pleno

A reselected strain producing semi-double flowers (and sometimes double) which are a great improvement over the old type, being larger. They possess, however, the rich yellow color and graceful appearance which make Coreopsis so valuable for bedding or cut-flower purposes. **¼oz. 30 cts., oz. $1.**

Cosmos

Extra-Early Double-Crested Beauty

The Extra-Early Double strain of Cosmos has been very much improved in this crested type. The flowers are unusually large, and they come into bloom fully as early as the Early Single sorts.

Pink Beauty **Crimson Beauty**
White Beauty **Mixed Beauty**

Each, Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50

Super Delphinium

Stumpp & Walter Co.'s Super Gold Medal Hybrids

Specialists in America and Europe vie with one another in the improvement of this wonderful and without a doubt, "the most popular hardy perennial." The varieties of yesterday are mere caricatures compared to the strain we are offering. The plants are of strong and vigorous habit and the spikes frequently attain the height of 6 feet, with flowers of very large size and colors of the finest range—lilac, pale blue, light blue, dark blue, and petunia-violet. The individual florets are quite distinct, and diversified in form.

Few of the best named varieties of this Hybrid come true from seed, therefore we suggest growing this strain and enjoying the pleasure of selecting your own favorites, which can be increased the next year from root divisions.

Wave Crest Blue Shades. A very delicate and charming strain of pale and light blues.

Delft Blue Shades. True blues of special beauty.

Salon Blue Shades. This strain abounds in rich, dark velvety blue tints.

Royal Art Tints. A very desirable mixture of subtle shades.

Any of above shades, Trade Pkt. 50 cts., ¼oz. $1, oz. $3.50.

Mixed. Includes all shades. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

Delphinium, New Hollyhock Strain

A fine mixture of all light shades, pale clear blue predominating. Large flowers, truly double, are well placed on long, pyramidal spikes. Their sturdy appearance reminds one of the Hollyhock, hence the name. **Trade Pkt. 50 cts., ⅛oz. $1.50, ¼oz. $2.50, oz. $7.50.**

Three New Gaillardias

THE DAZZLER. The largest and most attractive Giant Red Gaillardia. Flowers are very large, rich dark red, with a bright orange tip on the end of each floret. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.25.**

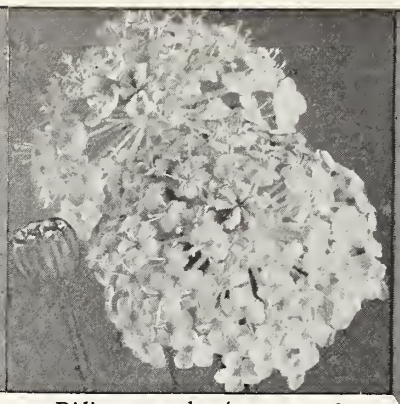
PORTOLA HYBRIDS. The flowers produced by this strain are enormous, and the color-range is fairly wide, centering around reddish bronze and gold. Plants particularly robust. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.25.**

TANGERINE. A great improvement over the original although still variable. Contains a large percentage of the true Tangerine. May be described as a medium-sized flower of various shades of tangerine-orange. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.25.**

New Double Cosmos

New Annual Larkspur, Exquisite. See page 27

Gerbera



Didiscus cærulea (see page 37)

Giant Shirley Foxglove

Gilia capitata

A very graceful annual, growing about 2 feet high, with fine feathery foliage, and bearing freely, over a long season, globular heads of bloom about 1 inch across. We offer a lavender-blue and white form. A splendid annual, lasting well when cut.

Capitata. Lavender-blue. **Capitata Alba.** White.

¼oz. 25 cts., oz. 75 cts.

Giant Shirley Foxglove (Digitalis)

A new and magnificent strain of Foxgloves raised by the late Rev. W. Wilkes, who originated the Shirley Poppy. It is considered by plantsmen as being the greatest improvement ever made in Foxgloves. The very vigorous plants attain the height of 5 to 7 feet with spikes of bloom ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon, and chocolate. This is certain to supersede all other strains of Foxgloves. Seed sown this spring should produce plants which, if properly grown on outdoors this summer and placed in their permanent positions before autumn, will make a glorious show next season. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

GEUMS

Three Fine New and Rare Double Varieties

The following three new large-flowering Geums are among the best hardy perennials of recent introduction.

Double Orange Queen. We are pleased to offer what has hitherto baffled the hybridists and selecters to produce, namely, a Geum of a shade, intermediate, so to speak, between that of Mrs. Bradshaw and Lady Stratheden. The plants are similar in habit to both of these highly popular sorts, and as they are quite as large and free-blooming, we have no doubt that Orange Queen, in coming to complete a splendid trio, will soon acquire an equal share of public favor. Height, 1½ feet. **Pkt. 20 cts., 6 pkts. $1.**

Double Mrs. Bradshaw. The very large, full flowers are an attractive shade of orange-scarlet. They come quite true from seed and bloom the first year, if sown early. Height, 1½ feet. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

Double Lady Stratheden. Fine rich golden yellow flowers. A splendid companion to Orange Queen and Mrs. Bradshaw. Height, 1½ feet. **Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50.**

Gerbera Jamesonii Hybrids

Transvaal Daisy

Beautiful, Daisy-like plants, slender and graceful. A well-known greenhouse subject and largely used for conservatory decoration, but capable also of being grown in the open ground if the protection of a coldframe is given the plants over the winter months. This is a splendid mixture, embracing many shades of red, cerise, salmon, orange, yellow, and white. **100 seeds $1, 1,000 seeds $5.**

New Tall Godetias

We are pleased to offer five new varieties of this charming annual of easy culture. The plants are of distinct and graceful habit and are excellent for cutting. The sprays should be cut as the flowers are just coming to perfection, as they will fully develop after being placed in water. Excellent border plant, frequently attaining the height of 2 to 3 feet.

Tall Double Pink **Tall Double Crimson**
Tall Double Rose **Tall Double Mauve**
Tall Double Carmine

Any of the above varieties, ¼oz. 25 cts., oz. 75 cts.

New Dwarf Godetias

Scarlet, Edged White. An attractive variety of Dwarf Single Godetia, very even in its growth and producing very large flowers. The color is striking, being scarlet with an edging of white. **¼oz. 30 cts., oz. $1.**

Dwarf Double Azalea-flowered, Carminea. Highly recommended for pot culture. Pink, strikingly marked with darker shades. So free-flowering that when it is in full flower it is nothing but bloom. May be called an annual Azalea. **¼oz. 30 cts., oz. $1.**

Double Orange Queen Geum

Gilia capitata

New Dwarf Godetia, Scarlet, Edged White

Nicotiana Sanderæ, Crimson King
See page 41

Hunnemannia fumariæfolia
See page 39

African Orange Marigold, Alldouble

Hollyhock Double Exquisite

A new strain of Hollyhock which will prove a delight to all those who enjoy this old-fashioned flower. Blossoms are beautifully fringed and frilled or deeply dentate, and the colors are charmingly fresh and bright. The flowers are large and beautifully placed on tall, stately spikes. **Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5.**

New Annual Larkspur

For the past several years our growers have been trying to produce an Annual Larkspur with the habit of the Delphinium. Last year we offered three of these types and this year we are able to offer two new varieties, namely Gloria and Peach Blossom. All these varieties have the characteristics of the Delphinium; that is, with the branching base and the long flower-stalk, and we feel sure that they will in time supersede the old stock-flowered type.

EXQUISITE PINK IMPROVED. The delightful shade of pink meets exactly the florists' requirements. **Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50.**

LA FRANCE. The flowers are a pleasing shade of salmon-pink, a shade closely resembling the popular antirrhinum, Jennie Schneider. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

WHITE SPIRE. A new, dazzling, pure white, double Larkspur. **Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50.**

BLUE SPIRE. This variety is an intense deep Oxford-blue—the most popular color with the florist. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

LILAC SPIRE. A beautiful tone of lilac, similar to Lilac Perfection in the old stock-flowered type. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

CARMINE KING. This may be described as a deep carmine-rose, a color always popular with the florist. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

GLORIA. A rich tone of deep rose, with no trace of carmine. **Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50.**

PEACH BLOSSOM. A real clear light pink with no trace of salmon. **Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50.**

Two New Marigolds

AFRICAN ORANGE, ALLDOUBLE. Any strain of African Marigold that will come 70 per cent double is considered good—85 is excellent. We are pleased to be able to offer to the florist a strain of Orange Marigold which has come 85 per cent double for the last three years, and we offer this under the name of Alldouble.

AFRICAN LEMON, ALLDOUBLE. Similar to the above, except in color, which is a delightful shade of lemon-yellow.

Each of the above, Trade Pkt. 25c., ⅛oz. 60c., ¼oz. $1, oz. $3.50

New Double Sweet-scented Nasturtium (Dwarf), Golden Gleam

One of the outstanding novelties of the season. The plant forms a large, vigorous bush which throws out short runners averaging 18 inches long. The flowers commence to come as soon as the plant nears complete development, and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. The large golden yellow flowers average 2½ to 3 inches across. They are borne on erect, stiff stems, 6 inches long, consequently stand well above the foliage, an arrangement which adds immeasurably to the showy appearance of the plants. This distinct novelty will be welcomed by the florist as a delightful addition to the Nasturtium family as a cut-flower on account of its glorious color and delightful fragrance. **Pkt. 25 cts., oz. 75 cts., ¼lb. $2.50.**

Petunia, New Giant-Flowering Dwarf

Produces the largest flowers of any dwarf Petunia on the market today. They are of handsome shape with open throats, heavily marked and delicately veined. The plant is compact, strong, and vigorous. **Mixed colors. Trade Pkt. 50 cts., ¼oz. $2, ½oz. $3.50.**

Petunia (*fimbriata cærulea*)

Steel-blue Fringed

This is a very attractive and unique fringed Petunia and can be briefly described as a steel-blue, heavily veined, with a medium-large throat of deeper blue. The outer part of the throat has the appearance of being overlaid with veins of darker blue. It is very deeply fringed and the most attractive light blue Petunia on the market. Fine for pots. **Trade Pkt. 50 cts., ¼oz. $2.50.**

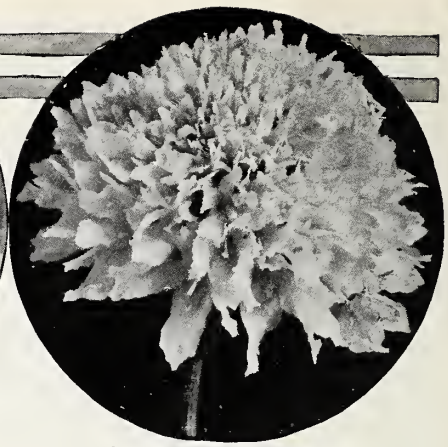
Bedding Petunia, Pink Beauty

Physalis Franchetii. See page 28

Balcony Petunia

Double Shirley Poppy

Giant Polyanthus



Giant Loveliness Scabiosa

Double Hybrid Pyrethrum

Statice sinuata

America Salvia

Physalis Franchetii

Chinese Lantern Plant

This beautiful little plant, which is grown chiefly for the orange-scarlet lantern-like fruits that are gathered in the fall and serve as splendid decoration in the home at Thanksgiving and Christmas time, is of comparatively easy culture. While a perennial, it can be had in flower the first year if seed is sown early. **Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50.**

New Double Shirley Poppies

Mixed Colors, Hardy Annual

This is a new, semi-double type of the beautiful Shirley or Ghost Poppy. The color-range is very wide, including carmine, rose, salmon, and white shades, while the flowers are very beautiful and graceful; they are carried well above the plant on strong stems. **¼oz. 30 cts., oz. $1.**

New Primula Obconica

Glory of Farmingdale (Aalsmeer)

This new development of *Primula obconica* is of special interest to the commercial florist. The flowers are a pleasing shade of bright rose, individually large and well set on strong, sturdy plants. The grower will have few discarded plants with this strain, and we recommend it with every confidence as the best of its type. **Trade Pkt. (about 500 seeds) $1.50, ⅛oz. (about 3,000 seeds) $7.50.**

Giant Polyanthus

The visitor to any of the famous gardens of England in Maytime is greatly impressed with the manner in which this beautiful Primrose is used and the gorgeous display the better varieties present. Many of the larger gardens use them to intersperse between May-flowering Tulips in their bulb-gardens, but they are best seen to advantage in borders or in beds. The strain we are offering is of strong sturdy habit, and bears immense trusses of large flowers on strong stems 10 inches in length. The colors vary from pure white to rich wallflower-red. Seed is usually sown in early summer, in a frame, and the plants transplanted to the garden in the autumn. They require slight protection over winter. **Trade Pkt. 25 cts., 1/16oz. 50 cts.**

Pyrethrum, S. & W. Co.'s New Double Hybrids

This beautiful perennial, when grown from a selected strain, is one of the finest for cutting. The seed we are offering is grown by a specialist who, after painstaking effort, has produced a wonderful strain. The flowers are large, very double, and the colors are distinct shades of pink, salmon, scarlet, and pure white. **Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5.**

THREE FINE SALVIAS

All varieties are American-grown except where noted.

HARBINGER. This is a true, dwarf, large-flowering Salvia which commences blooming in July from early-sown seed and continues until hard frost. It makes beautiful symmetrical plants about 15 inches high, and is densely clothed with long sprays of large, brilliant scarlet flowers. **Trade Pkt. 25 cts., ⅛oz. $1.50, ¼oz. $2.50.**

AMERICA or GLOBE OF FIRE. Our Selected American-grown Seed. A new variety of this popular flower. The bushy plants do not grow over 15 inches high, with the large spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet. If desired for borders or beds, this is indeed an acquisition on account of its uniformity of height. **Trade Pkt. 50 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5.**

America or Globe of Fire, Imported Seed. Grown by a very reliable grower. **Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2, ¼lb. $7, lb. $25.**

OSTRICH-PLUME. The Ostrich-Plume Salvia is the most beautiful of all Salvias of recent introduction. The habit of the bush resembles the Splendens type but, unlike Splendens, produces a plume. The bush is well covered with these plumes of intense, dazzling scarlet. **Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.75.**

New Annual Scabiosa Giant Loveliness

Loveliness is a glorious new color in annual Scabiosas. The blossoms range through varying tones of delicate salmon-rose. This is undoubtedly the most beautiful Scabiosa ever introduced and is unsurpassed as a cut-flower. It has long, stiff stems and a delightful fragrance, but its crowning beauty is its glorious salmon-rose color. **Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2.**

Two New Perennial Scabiosas

GIANT HYBRIDS OF SCABIOSA CAUCASICA. (Isaac House Strain.) Characteristics of this new type are larger flowers with heavier petals and on longer stems. In this mixture it is natural for delicate lilac and mauve to predominate, but pure white and several shades of dark blue also occur. These hybrids are splendid for the hardy border, and we also recommend them as a florists' cut-flower. **Trade Pkt. 50 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5.**

COLUMBARIA. A splendid novelty from South Africa. It is reminiscent of *Scabiosa caucasica*, but is entirely distinct. It is quite dwarf in habit, and produces flowers 2 to 2½ inches in diameter, on long, strong stems. Excellent for cut bloom. We offer it in **Pink** and **Lavender.** Each shade, **Trade Pkt. 50 cts., ⅛oz. $2.**

Victory Quilled Zinnia. See page 46

Picotee Zinnia

Dahlia-flowered Zinnia

Four New Stocks

S. & W. Co.'s Early Giant Imperial Type

Antique Copper. Rich hellebore-red, overlaid with copper, giving a pleasing old reddish antique copper effect. The flowers are fully double.

Old Rose. Beautiful shade of old-rose, similar to the popular Old Rose in the Nice group. The flowers are very double and the individual florets are exceptionally large.

Elk's Pride. An intense royal purple. Growing over 2 feet high, this stately plant is a mass of large, sweetly perfumed, double flowers.

Golden Rose. Large, very double, rich light rose blooms with a pleasing golden effect in the center of each floret. Makes a wonderful cut-flower.

Any of the above, Trade Pkt. 50 cts., ⅛oz. $1, ¼oz. $1.50

New Verbenas

Dwarf Compacta, Fireball

A dwarf, compact Verbena, growing about 6 inches high, literally covered with bright scarlet blooms. Excellent for borders, beds, or pot plants and comes absolutely true from seed. **Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5.**

Giant-flowering Varieties

A magnificent new strain of Verbenas, of robust, compact habit and free blooming. The trusses are immense, the individual florets measuring an inch and over in diameter. The Verbenas are fixed and come true from seed.

Lavender Glory. (New.) True lavender, with a small white eye. Trade pkt. 25 cts., ⅛oz. $1.50, ¼oz. $2.50, oz. $7.50.

Etna. Vivid scarlet with small yellow eye.

Royale. Regal blue with a creamy yellow eye.

Luminosa. Flame-pink, shading to salmon.

White King. Pure white.

Salmon-Pink. Pure salmon self.

Any of the above, except where noted, Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50

Sweet Wivelsfield

A NEW HARDY ANNUAL

This plant is the result of crossing *Dianthus Allwoodi* and Sweet William. It is distinct in habit and freedom of growth. Wonderful colorings; flowers in trusses; and perpetual-flowering. Excellent for cutting.

Trade Pkt. (about 50 seeds) 75 cts., 100 seeds $1.25, 500 seeds $5.50, 1,000 seeds $10.25

NEW ZINNIAS

We offer on page 46 all the types of Zinnias listed by us, but have illustrated in our Novelty Section several new types which our California growers have developed in recent years.

Giant Double Dahlia-flowered

The plants are of the same vigorous habit as our Giant Double-flowering variety. They attain the height of 3 feet, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the Decorative Dahlia, a fitting companion to our strain of Giant Double-flowering Zinnias.

TWO FINE NEW VARIETIES

Golden Dawn

The flowers are a golden yellow comparable to that color in the Double Giants, or a shade between Golden State and Canary Bird in the Dahlia-flowered type. They are of enormous size and of the most perfect type.

Youth

The flowers are a beautiful shade of soft rose, well-formed, grown on the usual robust, Dahlia-flowered plant. It is a very vigorous, free-flowering variety. Youth is three or four shades lighter than our popular Exquisite.

Any of the above, Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50

BEST SEVEN POPULAR VARIETIES

Buttercup. Creamy yellow.
Crimson Monarch. Flaming crimson.
Dream. Deep lavender-blue.
Exquisite. Light rose, deeper at center.
Oriole. Orange and gold.
Polar Bear. Large, pure white.
Scarlet Flame. Brilliant scarlet, blended orange.
Mixed. A mixture of all shades.

Any of above, Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50, ¼lb. $5

Dwarf Double Salmon-Rose

While the Giant Double and Dahlia-flowered Zinnias are in great demand for cutting purposes, we wish to recommend this very beautiful variety for bedding or as a dwarf variety or for table decoration. The color is a brilliant salmon-rose. **¼oz. 15 cts., oz. 50 cts.**

Pumila Picotee Delight

This Zinnia is the result of crossing Dwarf Double Salmon-Rose with the tall Picotee, and the plants are of compact growth and very floriferous. The petals are ruffled and curled, giving a light and dainty effect, and in addition, each petal is beautifully picoteed, making a most attractive flower.

It includes salmon shades, cream, buff, biscuit, golden yellow, lavender, in fact, a collection of colors most suitable for florists' use. **Trade Pkt. 25 cts., ⅛oz. 60 cts., ¼oz. $1, oz. $3.50.**

Giant-flowering Verbena

New Annual Wallflower. See page 46

Improved Stock, Elk's Pride

STUMPP & WALTER CO.'S
FLORISTS' FLOWER SEEDS

We give very close attention to the selection of our various strains of Florists' Flower Seeds, it being our constant aim to secure only the best obtainable.

NOTE.—We do not furnish smaller than *Trade Packets*. Fractions of ounces are charged at a slight increase over the ounce price. Seeds not listed in our Wholesale Catalogue and catalogued in our Retail List are subject to 33⅓ per cent discount on the ounce price, except Novelties, which are net. ¼-ounce packets, where not priced, are charged at ⅓ of the ounce price.

ABUTILON. Flowering Maple

	Trade Pkt.	Oz.
Choicest Mixed. Valuable for both winter decoration and summer bedding	$0 50	$5 00

ACHILLEA. Milfoil or Yarrow

Filipendulina. Yellow	¼oz. 50 cts.	25	1 50
Millefolium roseum. Rose	¼oz. 50 cts.	25	1 50
Ptarmica, The Pearl. White	¼oz. 75 cts.	25	2 50

ACONITUM. Monkshood (Perennial)

Fischeri. Pale blue	¼oz. $1.50	25	5 00
Napellus. Blue	¼oz. 75 cts.	25	2 50
Wilsoni. Beautiful light blue flowers. 5 ft.	⅛oz. $1.50	25	

ACROCLINIUM. Everlasting

Largely used for winter bouquets.

Double Mixed	¼oz. 15 cts.	50

ADLUMIA. Mountain Fringe

Cirrhosa. Hardy climber; flowers resembling Bleeding Heart	25

ADONIS. Flos Adonis

	¼oz.	Oz.
Autumnalis. Annual. Crimson flowers	$0 15	$0 50
Vernalis. Perennial. Large yellow flowers	30	1 00

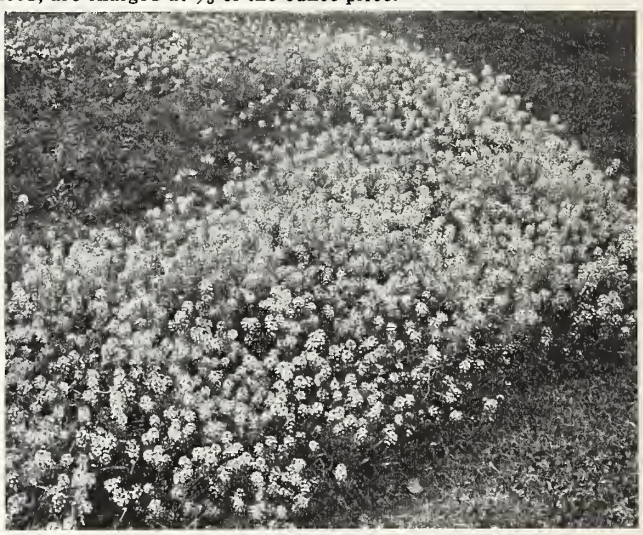
AGATHAEA. Blue Daisy

	Trade Pkt.	Oz.
Cœlestis. Tender perennial, bearing blue flowers.	$0 25	$1 50

AGROSTEMMA

	¼oz.	Oz.
Coronaria. Perennial. Glaucous foliage, with deep crimson flowers	$0 10	$0 35
Coronaria alba. White	10	35
Flos-Jovis. Pink	10	35

Ageratum, Blue Perfection



Border of Alyssum

AGERATUM

	Trade Pkt.	Oz.
Blue Perfection. Large heads of deep blue flowers produced in abundance. ¼oz. 25 cts.		$0 75
Little Blue Star. A very dwarf variety used largely for edging, growing about 4 to 5 inches high; bright blue flowers. ¼oz. 75 cts.	$0 25	2 50
Little Dorrit, Blue. This variety grows about 6 inches high; flowers bright blue. ¼oz. 30 cts.		1 00
Little Dorrit, White. Same in habit as preceding, only white. ¼oz. 30 cts.		1 00
Mexicanum, Capella. Distinct variety growing about 9 inches high; flowers rosy chamois. ¼oz. $1	25	3 00
Mexicanum nanum, Venus. Pink, tinted white. ⅛oz. 60 cts.	25	

ALYSSUM

Popular bedding annual.

	¼oz.	Oz.
Little Gem. Our strain of this variety is the best known; very dwarf and compact. ¼lb. $1.50	$0 15	$0 40
Sweet (*Alyssum Benthami*). Well-known, fragrant white flowers. ¼lb. 75 cts.	10	25
White Carpet. Excellent for pot-work. ¼lb. $1.75	15	50
Lilac Queen. A fitting companion for White Carpet. ¼lb. $1.75	15	50
Saxatile compactum. Perennial. Yellow. ¼lb. $2.50	25	75

AMARANTHUS. Ornamental Foliage Plant

	¼oz.	Oz.
Caudatus. Love-Lies-Bleeding. Red	$0 10	$0 25
Cruentus. Dark red; feathery	15	50
Sunrise. Bronzy crimson	60	2 00
Tricolor. Joseph's Coat. Leaves various colors	10	25

ANCHUSA. Alkanet; Bugloss

	¼oz.	Oz.
Capensis. Biennial. Azure-blue	$0 25	$0 75
Italica, Dropmore. Blue	50	1 50

ANEMONE. Hardy Perennial

	Trade Pkt.	Oz.
Giant de Cæn. Giant French. ¼oz. 50 cts.	$0 25	$1 50
St. Brigid. Semi-double; various colors. ¼oz. $1.50	25	5 00

ANTHEMIS. Hardy Marguerite

Kelwayi. Daisy-like yellow flowers	30	1 00
Nobilis. White	30	1 00

ANTIRRHINUM Snapdragon

Special Forcing Varieties

THREE FINE NEW VARIETIES

Afterglow. New, large-flowering bronze. Pkt. $1.50, 3 pkts. $4, 5 pkts. $7.

Ceylon Court. The best early-flowering yellow. Pkt. $1.50, 3 pkts. $4, 6 pkts. $7.

Rose Queen. The best dark pink in cultivation. Pkt. $2, 3 pkts. $5, 6 pkts. $9.

Silver Pink, Nelrose and **Philadelphia Pink,** each, Trade Pkt. 50 cts., 5 pkts. $2.

Geneva Pink, Helen, Judd's New Early Light Pink, Judd's New Early Dark Pink, Keystone, and **White Rock,** each, Trade Pkt. 75 cts., 4 pkts. $2.50.

Penn Orange, and **Jennie Schneider,** each, Trade Pkt. $1, 3 pkts. $2.50.

Giant-flowering Varieties

We offer below two fine strains: Half-High varieties used extensively for pots or bedding, growing 1½ feet high; and the Tall varieties used for cut-flowers, growing 3 feet high.

GIANT-FLOWERED HALF-HIGH VARIETIES

	¼oz.	Oz.
Apricot Queen. Apricot-pink, white tube	$0 30	$1 00
Carmine Queen. Rose-carmine	30	1 00
Empress. Rich velvety crimson	30	1 00
Fascination. Pearly pink self	30	1 00
Fawn. Rose and gold; very beautiful	30	1 00
Firebrand. Scarlet, yellow lip	30	1 00
Flame. Rich, brilliant scarlet	50	1 50
Golden Queen. Rich, pure yellow	30	1 00
Mauve Queen. Lilac-mauve	30	1 00
Purity. Pure white	30	1 00
Rose Dore. Rose tone, orange suffusions	30	1 00
Mixed. A splendid mixture	30	1 00

GIANT-FLOWERED TALL VARIETIES

We offer a selection of the best six colors.	¼oz.	Oz.
Rose King. Deep rose self	$0 30	$1 00
Harmony. Terra-cotta-orange, shaded rose	30	1 00
Queen Victoria. White	30	1 00
Rose. Beautiful rose-pink	30	1 00
Scarlet. Bright scarlet	30	1 00
Yellow. Rich golden yellow	30	1 00
Mixed. A splendid mixture	30	1 00

AQUILEGIA Columbine

These early-flowering perennials are valuable cut-flowers, and the demand for them is constantly on the increase.

S. & W. CO.'S GIANT LONG-SPURRED

The plants are of strong, thrifty growth and are perfectly hardy and bear long-spurred flowers of large size. A superior strain.

Blue Shades Pink Shades Scarlet Shades Mixed Shades

Any of the above shades, Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5

	Trade Pkt.	Oz.
Californica hybrida. Yellow and orange. ¼oz. $1.50	$0 25	$5 00
Chrysantha. Canary-yellow. ¼oz. 75 cts.	25	2 50
Cærulea. Violet-blue and white. ¼oz. $1.50	25	5 00
Rose Queen. Rose shades. ¼oz. $1.50	25	5 00

ARABIS. Rockcress

	¼oz.	Oz.
Alpina. White	$0 25	$0 75

ARCTOTIS

Grandis. A splendid annual for cutting. Blush-white flowers	15	50

ARGEMONE. Mexican or Prickly Poppy

	¼oz.	
Mexicana. Poppy-like flowers of rich yellow to creamy white; ornamental spiny foliage	$0 25	75
Platyceras rosea. Similar to above with ruby-red flowers	25	75

ARMERIA. Sea Pink

Formosa. Pink	30	1 00
Laucheana. Double; rose-crimson. Trade Pkt. 25 cts., ⅛oz. $1.50	2 50	

ASPERULA. Sweet Woodruff

Odorata. Suitable for hardy borders; dwarf; white	50	1 50

ASPARAGUS

Plumosus nanus. We are regularly supplying the best growers with our true greenhouse-grown strain.

100 Seeds	$0 50	2,500 Seeds	$7 75
500 Seeds	1 75	5,000 Seeds	15 00
1,000 Seeds	3 25		

Sprengeri. Trade Pkt. 25 cts., oz. $1.

AUBRIETIA. Wall Cress

	Trade Pkt.	¼oz.
Deltoidea Bougainvillei. Dark blue	$0 25	$1 50
Deltoidea Leichtlinii. Crimson	50	5 00

Giant-flowering Antirrhinum

Queen of the Market Aster

Early Royal Aster

Improved Crego Aster

S. & W. CO.'S SUPERB ASTERS

For the purpose of aiding our patrons in making easy selections of the kind of Asters they desire to grow, we are listing the varieties under the headings Early, Midseason, and Late. The early sorts, such as Early Wonder, Queen of the Market, Lavender Gem, and Early Royal, begin blooming in July, followed by the midseason varieties, such as the Kings, Improved Cregos, California Giants, White Perfection and the Astermums. Then come the late-flowering varieties, such as S. & W. Co.'s Late Branching, the Beauty Type, Autumn Glory, Heart of France, and Pink Enchantress which come into bloom from the end of August on through September into October. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in bloom from early July to hard frost.

EARLY-BLOOMING ASTERS

Early Wonder. We consider this the earliest Aster in our list, flowering in early July from seeds sown in the open ground at the end of April, or, if sown indoors in March, can be had in bloom before the close of June. The flowers are of good size, quite double, and are borne on good, long, stiff stems, which, added to their extremely early flowering, makes them of great value for cutting.

Carmine-Rose **White** **Light Rose**
Light Blue **Dark Blue** **Mixed**

Any of the above colors, or mixed, Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2, ¼lb. $7.50

Queen of the Market. This well-known, early-flowering Aster is of a branching habit, growing about 1½ feet high, and comes into bloom directly after Early Wonder.

White **Crimson** **Flesh-Pink**
Rose **Dark Blue** **Light Blue**
Mixed

Any of the above colors, or mixed, ¼oz. 30 cts., oz. $1, ¼lb. $3.50

Early Royal. **(Branching Type.)** This type of Aster is of recent development and is best described as an early-flowering form of our Superb Late Branching Aster, having all the good qualities of the latter, but coming into bloom in early August. It is a splendid type of Aster for beds or borders, and its long-stemmed flowers are ideal for cutting.

White **Rose-Pink** **Shell-Pink**
Lavender **Purple** **Mixed**

Any of the above colors, or mixed, ¼oz. 30 cts., oz. $1, ¼lb. $3.50

MIDSEASON-BLOOMING ASTERS

The Six King Asters. This magnificent class of Asters is distinct from all others in the character of the flowers. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance, and last longer when cut than any other class.

The plants are large, and the stems exceptionally long and strong. They bloom very profusely and will pay handsomely for cutting.

Lavender King **Violet King** **Rose King**
Pink King **White King** **Crimson King**

The above colors and mixed, ¼oz. 30 cts., oz. $1, ¼lb. $3.50

MIDSEASON-BLOOMING ASTERS, continued

Improved Crego or Ostrich-feathered. **(Improved Comet Type.)** This is considered to be the finest and largest of all the Comet Asters. The flowers are borne on long, stiff stems and are of a fluffy character, frequently measuring 5 inches and over in diameter. They are splendid for cutting purposes on account of their good keeping qualities.

White **Purple** **Lavender** **Crimson**
Azure-Blue **Pink** **Deep Rose** **Mixed**

Any of the above colors, or mixed, Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50

S. & W. Co.'s Midseason Giants. Our grower, after several seasons of hybridizing and selecting, is now able to offer a type characterized by the Beauty's vigorous growth and the Crego or Ostrich-feather type of flowers—a true nonlateral Aster. The flowers are much larger and more substantial than the Improved Crego, measuring 5 to 6 inches in diameter and standing up well when shipped as cut-flowers.

Dark Purple, Light Blue, Light Purple, Peach Blossom, Rich Rose and **White.**

Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50

Astermums. The plants are of upright growth, frequently having twelve to fifteen strong, sturdy stems 1½ to 2 feet long, each carrying enormous flowers of splendid form, the petals completely covering the center so as to give the impression of one of the large Japanese chrysanthemums.

Snow-White **Rose-Pink** **Lavender**

The above colors, ¼oz. 30 cts., oz. $1

Giant California Sunshine Asters

The Most Beautiful Aster in the World

This new strain of supremely beautiful Asters is the result of a direct cross between our now well-known California Giants and the dwarf, much-branched Sunshine type, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous—4 to 5 and 6 inches in diameter. The grace and beauty of build, with cushiony centers of tubular, bifurcate petals, and the rim of exquisitely poised out-guard petals surrounding the central disk, make for a lacelike perfection and daintiness of form and contour that must appeal to the most esthetic taste. We offer this magnificent strain of Asters in mixed colors of **Enchantress Pink, Apple-blossom, Deep Rose, Blue,** and **Lavender,** all with disk of lovely light yellow.

Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5

Astermum

Late Branching Aster

Beauty Aster

S. & W. CO.'S SUPERB ASTERS

LATE-BLOOMING ASTERS

S. & W. Co.'s Branching

This exceptionally fine Aster is without a rival. It is as well known in Europe as in America, and although we placed it on the market only a few years ago, today every florist has a fine stock of the flowers in his window just before the chrysanthemum comes in; and it is often mistaken for the chrysanthemum, which it so much resembles. The flowers are of extraordinary size—much larger than other varieties—and stand erect on long, graceful stems, well above the foliage; flower-stems 15 to 20 inches long. Grand for cutting.

Pure White	**Rose-Pink**	**Purple**
Shell-Pink	**Lavender**	**Crimson**
	Mixed	

Any of the above colors, or mixed, ¼oz. 30 cts., oz. $1, ¼lb. $3.50

Beauty

This is a recently developed late-flowering strain, coming into bloom late in September and being at its best through October. The plants grow nearly 3 feet high and bear their very large, densely covered flowers on long, strong stems. A very desirable addition to the Aster family on account of their late-blooming character and excellence for cutting. We offer five distinct colors.

Light Blue	**Carmine-Rose**	**Purple**
Light Pink	**White**	**Mixed**

The above colors, Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50,

Single Comet Asters

This type of Asters has met with considerable demand recently. From a decorative point of view the possibilities are immense. Their large blooms often measure 5 to 6 inches across.

White	**Light Rose**	**Scarlet**
Light Blue	**Dark Blue**	**Mixed**

Any of the above colors, or mixed, ¼oz. 30 cts., oz. $1, ¼lb. $3.50

Dwarf Queen Asters

A beautiful strain of early dwarf-growing Aster, 14 inches high, suitable for pot or border work.

Flesh-Color	**Crimson**	**Dark Blue**
Brilliant Rose	**Light Blue**	**White**
	Mixed	

Any of the above colors, or mixed, Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50

MISCELLANEOUS ASTERS

Heart of France. This recent introduction is the largest flowering of the very dark red sorts. The plants grow about 2 feet high, are nicely branched, and bear their long, rich, deep ruby-red flowers on long, strong stems. Blooms with the late-blooming sorts. **Trade Pkt. 25c., ¼oz. 50c., oz. $1.50.**

Lavender Gem. Truly a gem and easily the finest early lavender. In the full, double flower, the feathery effect of the ostrich-feathered type is enhanced by the fact that it bears long, partly tubular florets that are irregularly cut and slashed, resembling ragged chrysanthemums. **Trade Pkt. 25 cts., ¼oz. 50c.**

Peerless Yellow. A splendid new Aster with flowers sometimes 5 inches across. It has a border of curled, recurved, strap-shaped florets of pure white and the center consists of recurved and incurved disc-florets of deep yellow. Extremely valuable both for cut bloom and for garden decoration. **Trade Pkt. 25 cts., ¼oz. 75 cts.**

Moreton Pink. This beautiful Aster is a pleasing shade of salmon-pink, similar to the Enchantress carnation. It blooms about a week earlier than Autumn Glory. The flowers are full, double, of medium length and very broad. A splendid variety for cutting. **Trade Pkt. 25 cts., ¼oz. 50 cts.**

Ball's White. Finest midseason white Aster in cultivation. The flowers are 4 inches in diameter and exquisite in form, and the plants are taller than those of the late upright Asters. When first open the entire flower is whorled, producing a charming effect; the broad petals are slightly folded lengthwise, making them appear rather narrow. The plants are extremely vigorous, and they carry about twelve large flowers on strong stems free from side branches. **Trade Pkt. 25 cts., ¼oz. 50 cts.**

Hardy Perennial Asters

Michaelmas Daisies

Single, fall-flowering, hardy herbaceous plants which thrive in any good garden soil.

Alpinus. Large bluish purple flowers in May and June. Good rock-garden plant. Height 9 inches. **Trade Pkt. 25 cts., ¼oz. 75 cts.**
Alpinus albus. White form of above. **Trade Pkt. 25c., ¼oz. 50c.**
Amellus bessarabicus. Large, rich violet flowers in profusion in August and September. Height 2 feet. **Trade Pkt. 25c., ¼oz. $2.**
Novæ-angliæ, Mixed. Good-sized flowers in September and October. Height 4 feet. Colors, Violet-purple, Reddish Crimson, and Pink. **Trade Pkt. 25 cts., ¼oz. $1.**
Subcæruleus. Compact, tufted plants with solitary, glowing purple flowers 2 to 3 inches across, on 18-inch stems, in June and July. **Trade Pkt. 25 cts., ¼oz. 50 cts.**

BALSAM. Lady's Slipper

Double Camellia-flowered. An old favorite. 2 feet high.

White Perfection. White.
Scarlet King. Fiery scarlet.
Salmon Queen. Rose-pink.
Lilac Gem. Pale lilac.
Purple King. Rich purple.
Primrose Gem. Primrose.

¼oz. 30 cts., oz. $1

BAPTISIA. False Indigo

	Trade Pkt.	Oz.
Australis. Free-growing, tall, perennial; dark blue flowers.....¼oz. $1..	$0 25	$3 00

BARTONIA

	¼oz.	Oz.
Aurea. Dwarf edging plant with bright yellow flowers.....	$0 15	$0 50

BELLIS. English Daisy

	Trade Pkt.	¼oz.	Oz.
Giant-flowering Pink.....	$0 25	$0 75	$2 50
Giant-flowering White.....	25	75	2 50
Longfellow. Pink.....	15	60	2 00
Snowball. White.....	15	60	2 00
Double Red Quilled (Extra Selected)....	25	2 00	7 50

BEGONIAS

	Trade Pkt.	1/64oz.	1/16oz.	⅛oz.
Gracilis, Bonfire. Scarlet; metallic brown foliage.....	$0 75	$3 50	$12 00	
Gracilis luminosa. Dark fiery scarlet.....	50	1 50	4 00	$7 50
Gracilis, Prima Donna. Pale rose; green foliage, tinted brown....	50	1 50	4 00	7 50
Semperflorens Erfordi. Soft rosy carmine	75	2 50	8 00	
Semperflorens, Triumph. Pure white	50	1 50	4 00	7 50
Semperflorens, Dwarf Vernon. Orange-carmine; red foliage ...	50	1 50	4 00	7 50

CHRISTMAS CHEER. A magnificent novelty in the Everblooming or Semperflorens type of bedding Begonia. This variety bears flowers of enormous size, attaining a diameter of 2 inches, the plants being covered with a mass of blooms throughout the entire season. The color is a beautiful shade of bright cherry-red. This variety is particularly adapted for bedding purposes, being quite hardy and will thrive in either full sun or partial shade.

CHRISTMAS PINK. Same as above, except in color, which is a beautiful shade of bright pink.

Either of above, Trade Pkt. (about 1,000 seeds) $1, 1/64oz. (about 5,000 seeds) $2, 1/16oz. $6

	Trade Pkt.
Tuberous-rooted, Single, Mixed.....	$0 50
Tuberous-rooted, Double, Mixed.....	50

BOCCONIA. Plume Poppy

	¼oz.	Oz.
Cordata. Hardy perennial. Long spikes of cream flowers.....	$0 25	$0 75

BOLTONIA. False Chamomile

	Trade Pkt.	Oz.
Asteroides. White.....¼oz. $1.50..	$0 25	$5 00
Latisquama. Lilac-pink.....¼oz. $1.25..	25	4 00

BRACHYCOME. Swan River Daisy

Blue Star Red Star White Star

Each, Trade Pkt. 15 cts., ¼oz. 50 cts., oz. $1.75

BROWALLIA

	Trade Pkt.	1/16oz.
Speciosa major. New. Large blue flowers; splendid winter-blooming species.....	$0 25	$4 00

CACALIA. Tassel Flower

	¼oz.	Oz.
Coccinea. Annual. Tassel-shaped, bright red...	$0 30	$1 00

CALCEOLARIA

We have arranged with a grower of international reputation to grow the seed of this excellent greenhouse plant and feel confident that this strain cannot be excelled.

S. & W. Co.'s Giant-flowering Mixed. Trade Pkt. $1.

Giant Hyacinth-flowered Candytuft

CALENDULA. Pot Marigold

	¼oz.	Oz.	¼lb.
Campfire. Brilliant orange, scarlet sheen.	$0 50	$1 50	$5 00
The Ball. Forcing orange.....	30	1 00	3 50
Ball's Gold. Golden yellow.....	30	1 00	3 50
Orange King. Orange.....	15	50	1 50
Lemon King. Lemon-yellow.....	15	50	1 50
Golden King. Rich yellow.....	15	50	1 50
Radio. Warm, deep yellow.....	30	1 00	3 50

CALLIOPSIS (Annual)

	¼oz.	Oz.
Bicolor nana. Dwarf; yellow, garnet eye. 10 in...	$0 25	$0 75
Crimson King. Dwarf; crimson-garnet. 10 in....	25	75
Golden Ray. Dwarf; maroon edged yellow. 10 in.	25	75
Golden Wave. Yellow, chestnut-brown center. 12 inches.....	25	75
Marmorata. Yellow and wallflower-red. 24 in..	25	75
Nigra speciosa. Reddish maroon. 24 inches....	25	75
Tiger Star. Brown-red tinged yellow.....	25	75
Tinctoria. Yellow and maroon.....	25	75

PERENNIAL CALLIOPSIS

Will flower first year if sown under glass in January.

Grandiflora. Golden yellow.....	25	75
Grandiflora lanceolata. Golden yellow; petals lanced.....	25	75

CAMPANULA. Bellflower (Perennial)

Are used extensively as border plants. Tall varieties, excellent for cutting.

	Trade Pkt.	Oz.
Carpatica. Blue; dwarf. 6 inches...¼oz. 75 cts...	$0 15	$2 50
White. Dwarf. 6 inches.....¼oz. 75 cts...	15	2 50
Persicifolia grandiflora. Blue. Grows 3 to 4 feet high; excellent for cutting.....¼oz. $1..	25	3 50
Persicifolia grandiflora. White.....¼oz. $1.50..	25	5 00
Pyramidalis. Blue.....¼oz. 60 cts...	15	2 00
Pyramidalis. White.....¼oz. 60 cts...	15	2 00

CAMPANULA MEDIUM. Canterbury Bell

A pretty biennial that may be had in bloom the first year from seed if sown early.

	¼oz.	Oz.		¼oz.	Oz.
Single White....	$0 30	$1 00	Single Striped...	$0 30	$1 00
Single Rose.....	30	1 00	Single Mixed...	30	1 00
Single Blue.....	30	1 00	Double Mixed...	30	1 00

CAMPANULA CALYCANTHEMA
Cup and Saucer

White Rose Blue Mixed

Each, Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2

CANDYTUFT. Iberis

Our stock of this popular hardy annual is the best possible. Where grown in rows for cut-flowers, plant at least a foot apart in the rows and 1½ feet between the rows.

Empress. Popular florist's variety. Large spikes of pure white flowers. ¼oz. 20 cts., oz. 60 cts., ¼lb. $2, lb. $7.50.

Giant Hyacinth-flowered White. Immense spikes of pure white flowers. ¼oz. 25 cts., oz. 75 cts., ¼lb. $2.50, lb. $8.50.

UMBELLATA VARIETIES

Carmine. Carmine-rose.
Crimson. Rich crimson.
Flesh-Pink. Pale pink.
Lavender. Lilac-lavender.
Rose Cardinal. Deep pink.
White. White.

Any of above, ¼oz. 15 cts., oz. 50 cts., ¼lb. $1.50, lb. $5

CANDYTUFT, Hardy

	Trade Pkt.	¼oz.	Oz.
Sempervirens. Excellent for edging hardy borders	⅛oz. 75 cts.	$0 25	$1 25	$4 00
Gibraltarica. Lilac-white		25	50	1 50

CARNATION, GIANT DOUBLE KING

An acquisition in this popular French Carnation, coming into bloom six months from time of sowing and continuing to bloom throughout the summer. They form ten to twenty stalks, bearing huge flowers of fine form, coming 90 per cent double.

White King. Pure white.
Yellow King. Pure yellow.
Maroon King. Maroon.
Red King. Cardinal-red.
Rose King. Rose-pink.
Pink King. Light pink.

Any of the above, Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50

DOUBLE BORDER CARNATIONS

Early Dwarf Vienna. A beautiful dwarf Carnation, growing about 14 inches, used extensively by florists for spring sale.

White Rose Mixed

Trade Pkt. 25 cts., ¼oz. $1, oz. $3

EARLY DWARF GRENADIN

A charming, double, bright scarlet Carnation growing 14 inches high. Very early. Excellent for baskets. **Trade Pkt. 50 cts., ¼oz. $1.25, oz. $4.**

CELOSIA CRISTATA. Crested Cockscomb

	Trade Pkt.	¼oz.	Oz.
Empress. Rich crimson	$0 25	$0 75	$2 50
Glasgow Prize. Dark crimson	25	75	2 50
Golden Yellow	25	75	2 50

CELOSIA PLUMOSA. Feathered Cockscomb

		Trade Pkt.	Oz
Ostrich-Plume, Yel. or Crim. Ea., ¼oz. 25 cts.			$0 75
Ostrich-Plume, Mixed	¼oz. 25 cts.		75
Pride of Castle Gould	¼oz. $1.50	$0 25	5 00
Thompsonii magnifica, Crimson	¼oz. 50 cts.	25	1 50
Thompsonii magnifica, Yellow	¼oz. 50 cts.	25	1 50
Thompsonii magnifica, Mixed	¼oz. 50 cts.	25	1 50

CELOSIA CHILDSII. Chinese Woolflower

Each branch is terminated with a large head of rich crimson flowers that look as if made out of some silky wool material. A very effective annual for beds and borders. May be used to excellent advantage as a cut-flower as well.

Crimson. Very rich color.
Pink. Dark pink.
Mixed.

Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50

CENTAUREA CYANUS. Cornflower

Our double strain excellent for cutting.

	¼oz.	Oz.
Blue. Very double; dark blue	$0 20	$0 60
Maroon	20	60
Mauve	20	60
Rose-Pink	$0 20	$0 60
Rosy Red	20	60
White	20	60
Double Mixed	20	60

CENTAUREA IMPERIALIS

Giant Sweet Sultan

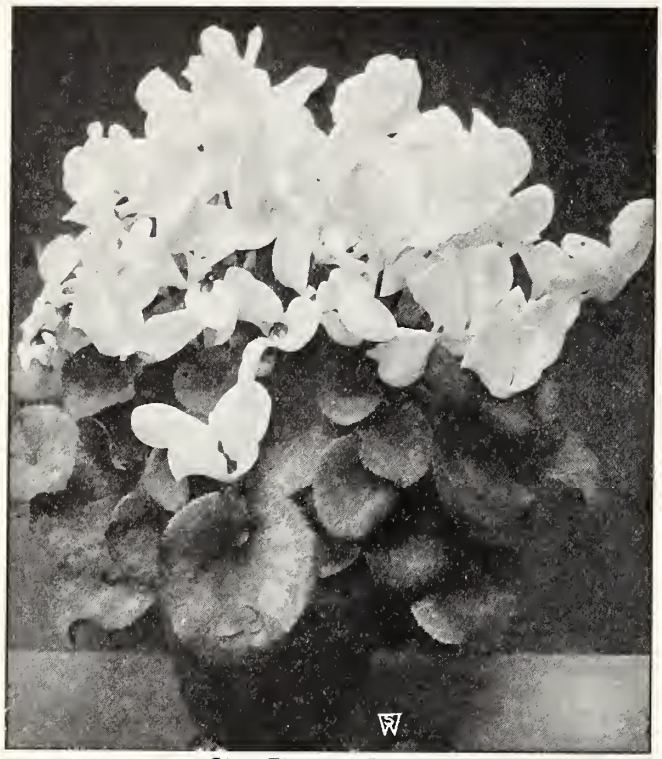
One of the most popular hardy annuals for florists; grows about 2 feet high.

	¼oz.	Oz.
White. Best white for cutting; sweet-scented	$0 25	$0 75
Pink. Pink, white tinge	25	75
Purple. Brilliant rosy purple	25	75
Lilac. Beautiful lilac	25	75
Red	25	75
Yellow (*C. suaveolens*). Sweet-scented; yellow	25	75
Choice Mixed	15	50

CENTAUREA, VARIOUS

	¼oz.	Oz.
Americana, Blue. Giant flowers thistle-like in shape and color; excellent for cutting. Height 3 feet	$0 25	$0 75
Americana alba. Similar to the above except in color which is white	25	75
Candidissima. Dusty Miller. White leaves grown for foliage and used for edging. Trade Pkt. 25 cts.	60	2 00
Gymnocarpa. Dusty Miller. Leaves fern-like and a trifle taller than Candidissima	15	50
Macrocephala. Hardy Perennial. Large, thistle-like golden yellow flowers...Trade Pkt. 25 cts.	50	1 50
Montana. Perennial Cornflower. Large violet-blue flowers	25	75
Montana alba. White form of above	35	1 25

Centaurea Cyanus (Cornflower)



Giant-Flowered Cyclamen

CERASTIUM

	Trade Pkt.	Oz.
Tomentosum. Hardy, dwarf perennial; small white flowers	25 cts.	$1 00 / $3 50

CHELONE. Shell Flower

	¼oz.	Oz.
Barbata Coccinea. Perennial. Red flowers	25	75
Barbata Torreyi. Perennial. Coral-red flower	25	75

CHRYSANTHEMUM. Annual

	¼oz.	Oz.
Burridgeanum (Beaconsfield). White, zone of red, inner yellow	$0 15	$0 50
Chameleon. Golden chamois, scarlet zone	15	50
Evening Star. Single. Large, golden yellow flowers.	15	50
Golden Queen. Double. Golden yellow flowers	15	50
Morning Star. Single. Large, cream-yellow flowers.	15	50
The Sultan. Single. Deep scarlet	15	50
White Pearl. Double. White	15	50
Single Mixed	15	50
Alaska (Shasta Daisy). Perennial. Trade Pkt. 25c.	60	2 00

CINERARIA

GIANT-FLOWERING EXHIBITION STRAIN

This strain of prize Cineraria has been grown for us by a famous specialist. It produces numerous individual flowers exceeding 5 inches in diameter, with petals 1 to 1¼ inches wide. The giant blossoms are borne in immense, compact trusses, with dark green foliage on well-formed plants.

Blue Shades. Selected with utmost care.
Crimson and Carmine Shades. This magnificent selection is especially brilliant under artificial light.
Salmon Shades. One of the loveliest developments, appealing strongly to those fond of the daintier tints.
Mixed. Includes all the above in pleasing proportions to make the best showing. The whole color range of our rich strain.

Any of above, Trade Pkt. $1
Special Collection: 1 pkt. each above 4 shades, $3

CINERARIA, continued

Multiflora Nana, Potsdam. An extra-choice strain. **Cærulea** (sky-blue), **Crimson, Azurea** (dark blue), **Rose,** and **Mixed.**
Trade Pkt. $1, 3 Trade Pkts. $2.50, ½oz. $5

S. & W. CO.'S STELLATA. Delicate, star-like blooms are borne in great profusion on long stems. It is excellent for cutting as well as decorative purposes; all shades.

	Trade Pkt.
Tall Mixed	$1 00
Dwarf Mixed	1 00

CLARKIA. Double Varieties

	¼oz.	Oz.
Brilliant King. Crimson	$0 25	$0 75
Purple King. Purple	25	75
Salmon Queen. Salmon	25	75
Scarlet King. Scarlet	25	75
White King. White	25	75

COBAEA. Cup-and-Saucer Vine

	¼oz.	Oz.
Scandens. Purple flowers	25	75
Scandens alba. White	50	1 50

COLEUS

	½oz.	¼oz.
S. & W. Co.'s Exhibition Strain, Mixed	Trade Pkt. 50 cts.	$1 50 / $2 50

COSMOS

EARLY SINGLE DWARF COSMOS. Summer-flowering Type.

	¼oz.	Oz.		¼oz.	Oz.
White	$0 15	$0 50	Crimson	$0 15	$0 50
Pink	15	50	Mixed	15	50

EARLY DOUBLE DWARF COSMOS. New Double-crested Type (Beauty). See Novelties, page 25.

LATE SINGLE TALL COSMOS. Mammoth-flowering Type.

	¼oz.	Oz.		¼oz.	Oz.
White	$0 15	$0 50	Crimson	$0 15	$0 50
Pink	15	50	Mixed	15	50
Lady Lenox. One of the most widely grown pinks.				15	50
Lady Lenox, White. This grand introduction has all the good qualities of the pink variety				15	50

LATE DOUBLE TALL COSMOS. Crested Type.
Pink White Crimson Mixed
Each, Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2

GIANT-FLOWERING CYCLAMEN

GERMAN-GROWN

This seed is grown for us by one of the best growers of the Cyclamen in Germany. The plants from which it is produced are selected only from those of superior bloom and foliage. Its blooms are unsurpassed in size, color, and substance. The germination of our seed is 90 per cent.

S. & W. CO.'S GIANT-FLOWERING VARIETIES	100 seeds	1,000 seeds
Bright Red	$1 50	$9 00
Pure Rose	1 50	9 00
Pure White	1 50	9 00
White with Carmine Eye	1 50	9 00
Soft Rose with Carmine Eye (Improved Rose of Marienthal)	1 50	9 00
Lavender	2 00	10 25
Salmon Color, Light (Rose of Zehlendorf)	2 00	11 00
Salmon Color, Dark (Perle of Zehlendorf)	2 00	11 00
Salmon-Rose, Improved	2 50	12 00
Saffron-Red	2 50	12 00
Salmon-Scarlet (Christmas color)	3 00	13 50

HARDY SWISS-GROWN

This magnificent strain is grown for us by a Cyclamen specialist in Switzerland. In size, color, and substance the blooms are unsurpassed by any other strain on the market today. For the florist who wants the best, this strain is well worth a trial.

Bonfire.
Dark Salmon (Perle of Zehlendorf).
Light Salmon (Rose of Zehlendorf).
Rose with Carmine Eye. (Rose of Marienthal).
Dark Red.

Any of the above, 100 seeds $3, 250 seeds $5.50, 1,000 seeds $20

CYNOGLOSSUM. Chinese Forget-me-not

	Pkt.	Oz.
Amabile (Chinese Forget-me-not). A lovely plant 1½ to 2 feet tall, with flowers of true forget-me-not blue. Wonderful for cut-flowers	Trade $0 25	$1 50
Amabile, White. Similar to the above except in color	25	2 50
Amabile, Pink	25	2 50

CYPRESS VINE (*Ipomœa Quamoclit*)

Crimson, White, Rose, or **Mixed.** Each 30

DATURA. Trumpet Flower

	¼oz.	Oz.
Cornucopia. Annual. Flowers 8 inches long, 5 inches across; white inside, purple outside	$0 25	$0 75

DELPHINIUM. Perennial Larkspur

S. & W. Co.'s Super Gold Medal Hybrids

Wave Crest Blue Shades — Royal Art Tints
Delft Blue Shades — Mixed
Salon Blue Shades

See page 25, Novelty Section, for description and price

	¼oz.	Oz.
Belladonna. Clear turquoise-blue. Trade Pkt. 25 cts.	$0 60	$2 00
Bellamosa. Dark blue. Trade Pkt. 25 cts.	60	2 00
Chinense, Blue (Blue Butterfly). Distinct variety growing about 1½ feet high. Fine, feathery foliage; large flowers of true gentian-blue. Trade Pkt. 15 cts.	30	1 00
Chinense album. Same as the above except in color, which is pure white. Trade Pkt. 15 cts.	30	1 00
Cardinale. Cardinal-scarlet. 1½ feet. Trade Pkt. 25 cts.	1 25	4 50
Formosum. Deep blue cut-flower variety. Trade Pkt. 25 cts.	1 50	5 00

Delphinium, New Hollyhock Strain

A fine mixture of all light shades, pale clear blue predominating. Large flowers, truly double, are well placed on long, pyramidal spikes. Their sturdy appearance reminds one of the Hollyhock, hence the name. Trade Pkt. 50 cts., ⅛oz. $1.50, ¼oz. $2.50, oz. $7.50.

DIANTHUS or PINKS

DOUBLE ANNUAL VARIETIES

	¼oz.	Oz.
Chinense (China or Indian Pink). Mixture of double flowers in a large range of bright colors	$0 15	$0 50
Japan Pink, Heddewigii, Mixed. Colors varying from richest crimson to most delicate rose	25	75
Fireball. Brilliant crimson	30	1 00
Snowball. Pure white	25	75
Salmon King. Brilliant salmon-rose	30	1 00

SINGLE ANNUAL VARIETIES

Crimson Belle. Rich crimson	15	50
Salmon Queen. Salmon	30	1 00
Laciniatus, Mixed. Fringed	15	50

HARDY GARDEN VARIETIES

Deltoides. Rose. For rock-gardens	25	75
Plumarius, Single Mixed. Large, fragrant flowers	25	75
Plumarius, Double Mixed. Double, fringed, fragrant flowers of all colors, spotted and variegated	50	1 50
Plumarius semperflorens (Florist Perpetual Pinks). Vigorous and hardy; clove-scented flowers in all colors in spring and summer	25	75
Latifolius atrococcineus. Double; red	25	75

DIANTHUS Allwoodi. Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.50.

DIASCIA BARBERAE

An old and not so frequently grown annual, reaching 9 to 12 inches in height, and the dainty, spurred flowers are ⅞inch in diameter, of a soft salmon-rose color. Trade Pkt. 25 cts., ¼oz. $2.

DIDISCUS CAERULEA

Queen Anne's Lace Flower

Queen Anne's Lace Flower grows into an upright, very much-branched plant about 2 feet high. Each branch ends in an umbel of sky-blue flowers, which spread out in an umbrella-like fashion, crowning each shoot with a beautiful and delicate head of flowers. Each individual bloom in the umbel is carried on a thin and long tube, giving the flower-heads a distinct and refined appearance. It is easily grown and a splendid cut-flower, lasting unusually long in water. Trade Pkt. 25 cts., ¼oz. 50 cts., oz. $1.50.

DIGITALIS. Foxglove

	¼oz.	Oz.
Gloxiniæflora, White, Purple, Rose, Yellow, or **Mixed**	$0 30	$1 00
Giant Shirley. See page 26.		
Monstrosa, Mixed	30	1 00

DIMORPHOTHECA. African Golden Daisy

	¼oz.	Oz.
Aurantiaca. Golden orange	$0 30	$1 00
Aurantiaca hybrida. Mixture of hybrids	30	1 00

DOLICHOS. Hyacinth Bean

Darkness. Purple-violet, pea-shaped flowers	25
Daylight. Snow-white, pea-shaped flowers	25
Lablab, Mixed. Mixture	25

DRACAENA

Indivisa lineata. Long, slender leaves	50
Australis. Broad-leaved variety	50

ECHINOCYSTIS. Wild Cucumber Vine

Lobata. Quick-growing annual vine; green foliage; white flowers	30

ECHINOPS. Globe Thistle

Ritro. Thistle-like foliage; perennial plant; shell-blue flowers	25	75

ERYNGIUM. Sea Holly

Amethystinum. Spiny foliage; blue flowers. Trade Pkt. 25 cts.	1 25	4 00
Planum. Same as above; shell-blue flowers	30	1 00

EUPATORIUM. Mist Flower (Perennial)

Fraseri. Dwarf; white	30	1 00
Purpureum. Wine-red. Trade Pkt. 25 cts.	1 00	3 50

EUPHORBIA

Heterophylla. Mexican Fire Plant. Ornamental foliage plant. Leaves glossy green, tipped orange-scarlet	50	1 50
Variegata. Ornamental foliage and white bracts.	15	50

ESCHSCHOLTZIA. California Poppy

	¼oz.	Oz.
Carmine King. Beautiful shade of carmine-rose	$0 15	$0 50
Fringed Yellow. A deep pure yellow, the petals deeply cut and fringed	15	50
Geisha. Rich golden orange inside, orange-scarlet outside—very striking contrast	25	75
Golden West. Bright yellow, dark orange at the base of the petals	15	50
Lovely. A lovely tone of bright rose-pink suffused with salmon. The blooms have a satiny appearance which adds very much to the effect	25	75
Purple Glow. Undoubtedly the greatest advance that has been made in Eschscholtzias. It is a bright reddish purple, the darkest shade that has been obtained so far	25	75
Scarlet Beauty. Petals deep scarlet inside, lighter on outside	25	75
Tango. Bronzy red overlaid with terra cotta	15	50
Vesuvius. Rich coppery red which glistens in the sunlight	15	50

FORGET-ME-NOT. Myosotis

	¼oz.	Oz.
Alpestris, Royal Blue. Rich indigo-blue; 9 inches... Trade Pkt. 15 cts.	$0 50	$1 50
Alpestris robusta grandiflora. Clear blue; large flowers; 10 inches.....Trade Pkt. 15 cts...	30	1 00
Alpestris, Victoria. Very dwarf; fine for edging..... Trade Pkt. 25 cts...	60	2 00
Alpestris, Pink and White. Each.....	30	1 00
Dissitiflora. Later flowering than above sorts. 10 inches. Trade Pkt. 25 cts...	¼oz. $1 50	Oz. $5 00
Palustris semperflorens. Large; blue; begins flowering in May, continues throughout season. Trade Pkt. 25 cts...	60	2 00
Ruth Fischer. Large flowers up to ½inch in diameter; exceptional value for pot culture or bedding.....	Trade Pkt. $0 25	½oz. $1 50

FOXGLOVE. See Digitalis

FOUR O'CLOCK.

	Oz.
Marvel of Peru	
Finest Mixed.....¼lb. $1.25..	$0 40

GAILLARDIA

ANNUAL

	¼oz.	Oz.
Amblyodon. Blood-red.....	$0 30	$1 00
Aurea. Ruby-yellow.....	25	75
Indian Chief. Bronzy red....	50	1 50
Picta Lorenziana. Double; finest mixed; an excellent florists' cut-flower.....	15	50
The Bride. White; very double.	30	1 00

PERENNIAL

May be had in flower first year from seed. Bloom continuously whole season; excellent for border or cutting.

	¼oz.	Oz.
Kermesina splendens. Crimson, border yellow.....	$0 50	$1 50
Grandiflora. Mixed.....	30	1 00
The Dazzler. See Novelties, page 25.		

GEUM (Perennial)

	¼oz.	Oz.
Double Lady Stratheden. Golden yellow..... Trade Pkt. 25 cts..	$1 00	$3 50
Double Mrs. Bradshaw. Orange-scarlet..... Trade Pkt. 25 cts...	75	2 50
Double Orange Queen. Orange.....Pkt. 20 cts..		

S. & W. Co.'s Double Hollyhock

GLOBE AMARANTH. Gomphrena

	¼oz.	Oz.
"Bachelor's Button." Splendid for bedding.		
Rose, White, Purple, or Mixed. Each.....	$0 15	$0 50

GLOXINIA

S. & W. Co.'s Hybrids. The best.....Trade Pkt. $1..

GNAPHALIUM. Edelweiss

Leontopodium. White.....Trade Pkt. 25 cts...

GOURDS. Ornamental

Orange-shaped. Mock Orange.....	25
Luffa. Dish-cloth.....	25
Apple-shaped.....	25
Dipper. Used for holding water	25
Hercules' Club. Club-shaped; 4 feet.....	25

GODETIA. Satin Flower

Hardy annual suitable for bedding or pots.

NEW DWARF GODETIAS

	¼oz.	Oz.
Scarlet, edged white. An attractive variety. Even in growth and producing large flowers...	$0 30	$1 00
Dwarf Double Azalea-flowered, Carminea. A new dwarf-growing Godetia, recommended for pot culture. When in full bloom it is nothing but flowers. It can be called an annual Azalea.	30	1 00

NEW TALL GODETIAS

	¼oz.	Oz.
Tall Double Carmine.....$0 25		$0 75
Tall Double Crimson.....	25	75
Tall Double Mauve.....	25	75
Tall Double Pink.....	25	75
Tall Double Rose.....	25	75
Tall Double Mixed. Mixture of above.....	25	75

GREVILLEA Silk Oak

Robusta.....¼lb. $3..	30	1 00

GYPSOPHILA.

Baby's Breath

Acutifolia. Perennial. Small; white.....	30	1 00
Elegans grandiflora alba. Annual; large, white flowers. ¼lb. 50 cts., lb. $1.50.		15
Elegans grandiflora rosea. Delicate rose... ¼lb. $1..		30
Muralis. Pink.....	30	1 00
Paniculata. Perennial. White. Popular and best of its class.. ¼lb. $1.50..	15	50
Paniculata fl.-pl. Double form of the above.....	1 25	4 00
Repens. Perennial. Dwarf; white.....	50	1 50

HELENIUM.

Sneezewort (Perennial)

Riverton Beauty. Lemon-yellow.....	30	1 00
Riverton Gem. Wallflower-red..... Trade Pkt. 15 cts...	75	2 50

HELIANTHUS. See Sunflower

HELICHRYSUM.

Strawflower

We offer 6 distinct colors of this splendid decorative Everlasting or Strawflower:

Rose Queen, Snowball, Salmon Queen, Golden Ball, Fire-Ball, and Violet Queen. Mixed, ¼oz. 25 cts., oz. 75 cts.

HELIOPSIS. Orange Sunflower

	¼oz.	Oz.
Pitcheriana. Hardy perennial; excellent for cutting.....$0 40		$1 50

HELIOTROPE

Lemoine's Giant Hybrids. Large flowers..... Trade Pkt. 25 cts...	60	2 00
Queen Marguerite. Large; dark blue..... Trade Pkt. 25 cts...	1 00	3 50
White Lady. Largest white. Trade Pkt. 25 cts...	1 00	3 50
Finest Mixed.....Trade Pkt. 25 cts...	50	1 50

HEUCHERA. Alum Root

	Trade Pkt.	½oz.	¼oz.
Sanguinea. Coral-red.....$0 25		$1 50	$2 50
Sanguinea alba. White.....	25	1 00	1 75
Sanguinea gracillima rosea. Carmine-rose.....	25	2 00	3 50

HIBISCUS. Marshmallow (Perennial)

	¼oz.	Oz.
Crimson Eye. White flowers, crimson eye	$0 25	$0 75
Golden Bowl. Giant yellow, cup-shaped flowers, with crimson eye	50	1 50
Moscheutos. The Swamp Rose Mallow. Flowers 6 inches in diameter, rosy red, darker centers	60	2 00
Mallow Marvels, Mixed. Enormous improved marshmallow; all colors	50	1 50

HOLLYHOCK

This strain of superb Hollyhocks has been grown for us by a specialist who has spared no expense and effort to make it the best procurable.

CHATER'S SUPERB DOUBLE. We offer this wonderful strain in eight distinct colors and in mixture:

Chamois	Deep Rose	Maroon
Newport Pink	Pure White	Salmon-Rose
Scarlet	Sulphur-Yellow	Mixed

Any of the above colors, or in mixture, at Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2

S. & W. CO.'S SINGLE MIXED. We offer a very beautiful color range in this fine single form of the Hollyhock. **Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50.**

HONESTY. Moonwort

	¼oz.	Oz.
Hardy biennial; silvery seed-pouches, used for house ornaments	$0 25	$0 75

HUMULUS. Japanese Hop

Japonicus. Green foliage	15	50
Variegatus. Leaves mottled white	25	75

HUNNEMANNIA. Giant Yellow Tulip Poppy

Fumariæfolia. Plants grow about 2 feet high. Flowers are tulip-shaped, pure yellow. Excellent cut-flower. ¼oz. 25 cts., oz. 75 cts., ¼lb. $2.50.

IMPATIENS. Sultan's Balsam

	Trade Pkt.
Holstii. Excellent pot-plant, 1½ to 2 feet high; brilliant vermilion	$0 50
Sultani. Brilliant rosy scarlet	50

INCARVILLEA

Delavayi. Hardy perennial. Gloxinia-like flowers of bright rose	25
Variabilis Hybrids. A mixture consisting of pink to salmon shades	25

IPOMOEA. Morning-Glory

	Oz.
Bona nox. Large, blue flowers	$0 50
Giant Imperial Japanese. An advance over the old-fashioned kinds in color and size ¼lb. 75 cts.	25
Mexicana alba. Pure white	50
Rubra cærulea. Bright sky-blue	1 00

KENILWORTH IVY. Linaria

	¼oz.	Oz.
Cymbalaria. Lavender; for baskets. Trade Pkt. 25 cts.	$1 00	$3 00

KOCHIA. Summer Cypress

A very popular garden annual	15	50

LANTANA (Special Strain)

Dwarf Mixed. Trade Pkt. 25 cts.	60	2 00

Larkspur, Double Stock-flowered

LARKSPUR. Annual

Tall Double Stock-flowered

This is the finest variety of the annual Larkspurs. Flowers very double, plants attaining a height of 3 feet.

Attraction. Bright pink.	**Loveliness.** Shell-pink.
Defiance. Scarlet.	**Snowstorm.** Pure white.
Exquisite. Soft pink.	**Stella.** Sky-blue.
King of the Blues. Dark blue.	**Violet Queen.** Violet.
Lilac Perfection. Lilac.	**Mixed.** All shades.

Price of any of the above, ¼oz. 15 cts., oz. 50 cts., ¼lb. $1.50

Emperor (Dwarf Stock-flowered). More branching habit than the Tall Stock-flowered. We offer the following ten colors:

Apple-Blossom, Brilliant Rose, Black-Blue, Azure-Blue, Violet, White Striped, Brilliant Carmine, Pink Delight, Dark Blue, and **Pure White.** Any of the above, ¼oz. 15 cts., oz. 50 cts., ¼lb. $1.50.

LATHYRUS. Perennial Pea

A hardy climber growing 6 to 8 feet.

	½oz.	Oz.	¼lb.
Latifolius, Delicate Rose	$0 40	$0 75	$2 50
Latifolius, Red	40	75	2 50
Latifolius, White	40	75	2 50
Latifolius, Mixed	40	75	2 50

LAVANDULA

	¼oz.	Oz.
Sweet Lavender	$0 15	$0 50

LAVATERA. Annual Mallow

	¼oz.	Oz.
Trimestris grandiflora rosea. A splendid annual which can be used for cutting or decorative work	$0 15	$0 50

LEPTOSYNE

Stillmani. Rich golden yellow flower. Splendid florist's annual for cutting	50	1 50

LIATRIS. Blazing Star

Pycnostachya. A native hardy perennial. Purple flowers.

Trade Pkt. 25 cts., ¼oz. $1.50, oz. $5

LINUM. Flax

	¼oz.	Oz.
Grandiflorum rubrum. Scarlet	$0 15	$0 50
Perenne. Blue	25	75
Perenne album. White	25	75

LOBELIA

COMPACT VARIETIES. For pots

Tenuior compacta, Improved. The improved strain, which we now offer, grows 8 to 9 inches high, is of erect, elegant habit, and thickly covered with large, dark blue flowers having a distinct white eye. As it remains a long time in bloom, it is a very effective plant for summer bedding. Trade Pkt. 25 cts., ⅛oz. $1.

	¼oz.	Oz.
Crystal Palace. Dark blue. Trade Pkt. 25 cts.	$0 75	$2 50
Pumila alba. Pure white. Trade Pkt. 25 cts.	1 00	3 00
Pumila splendens. Dark blue, white eye. Trade Pkt. 25 cts.	1 00	3 00
Emperor William. Blue. Trade Pkt. 25 cts.	50	1 50

TRAILING VARIETIES

For baskets and beds

	Trade Pkt.	¼oz.	Oz.
Barnard's Perpetual. Deep blue, white eye	$0 25	$0 60	$2 00
Lindleyana. Rose, white eye	25	50	1 50
Speciosa. Dark blue; dark foliage	25	50	1 50

HARDY VARIETIES

	Trade Pkt.
Cardinalis. Scarlet flowers ⅛oz. $2	$0 25

LUPINE

Annual

Will bloom in six weeks. Good cut-flower. Rich Blue, Rose, White, Yellow, and Mixed. Oz. 30 cts., ¼lb. $1, lb. $3.50.

S. & W. Co.'s Triumph Mignonette

PERENNIAL LUPINE

	¼oz.	Oz.
Polyphyllus. Blue	$0 25	$0 75
Polyphyllus albus	25	75
Polyphyllus, Excelsior. Mixed colors	25	75
Polyphyllus roseus. Soft pink	25	75
Polyphyllus Mixed	25	75
Downer's Hybrids. Fine new strain	60	2 00

LYCHNIS (Perennial)

Arkwrighti Hybrids, Mixed. New. Fine	1 00	3 50
Chalcedonica. Scarlet	30	1 00
Chalcedonica, Salmon Queen. Salmon	30	1 00
Haageana. Orange-scarlet.	1 00	3 50
Viscaria. Rose	30	1 00
Viscaria splendens. Scarlet	30	1 00

MARIGOLDS

TALL AFRICAN VARIETIES

Giant Show Lemon. A splendid exhibition strain of the African Marigold. Bright lemon-yellow. By careful selection we have developed a type that for uniformity of size and perfect development of flowers is the finest strain in existence.

Giant Show Orange. Dark orange. Similar to above, except color.

Giant Show Mixed. A fine mixture of the above two colors.

Either of above, Trade Pkt. 25 cts., ¼oz. 75 cts., oz. $2.50

	¼oz.	Oz.
Eldorado. Flowers large, imbricated; yellow shades	$0 15	$0 50
Lemon Quilled. Double, deep lemon-yellow flowers daintily quilled	30	1 00
Orange Quilled. Similar to above but orange-yellow	30	1 00

DWARF FRENCH

Height about 12 inches

Golden Ball. Double; pure golden yellow	15	50
Gold, Edged Brown. Double golden yellow flowers, margin of velvety brown	15	50
Little Brownie (Legion of Honor). Excellent for pots. Golden yellow blotched velvety crimson at base of petals	15	50
Lemon Ball. Double; lemon-yellow	15	50
Mahogany. Double; rich velvety mahogany-brown.	15	50
Mixed	15	50

MATRICARIA. Feverfew

Grandiflora fl.-pl. eximia. Double, pure white flower	25	75
Golden Ball. Golden yellow. Trade Pkt. 25 cts.	60	2 00

MATTHIOLA

Bicornis. Night-scented Stock	40

MESEMBRYANTHEMUM. Ice Plant

Crystallinum. Pink	15	50

MIGNONETTE

Stumpp & Walter Co.'s Triumph

FOR FORCING

This Mignonette is one of the choicest varieties for winter forcing. Seed of this grand variety is saved from the best spikes. Plants grow from 2 to 3 feet high, producing flower-spikes up to 20 inches long. Florists should try this Mignonette. Trade Pkt. 25 cts., ¼oz. $1, oz. $3.50.

	¼oz.	Oz.
Allen's Defiance. Popular florists' variety	$0 15	$0 50
Goliath. Giant red spikes. ¼lb. $3.50	30	1 00
Improved Large Flowered. ¼lb. $1		30
Golden Queen. Compact habit; flowers yellow	15	50
Machet. Fine for pots; spikes of reddish flowers	15	50
Ruby. Coppery scarlet flowers. ¼lb. $1.50	15	50

MIMULUS. Musk Plant

	Trade Pkt.	¼oz.
Moschatus	$0 25	$1 50
Tigrinus, Mixed	25	1 00

MOMORDICA

	Oz.
Balsamina. Balsam Apple	$0 50
Charantia. Balsam Pear	50

MONARDA (Perennial)

	Trade Pkt.	¼oz.
Hybrida, Mixed	$0 25	$1 00

MUSA. Abyssinian Banana Tree

Ensete. Foliage plants. 25 seeds 30 cts., 100 seeds $1

DWARF NASTURTIUM

New Large-flowering Mixed. The plants are strong and vigorous, with very large, bright green leaves and flowers 3 inches across. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50, 5 lbs. $6.

S. & W. Co.'s Special Mixed. Good mixture. Flowers slightly smaller than the above. Oz. 10 cts., ¼lb. 30 cts., lb. $1, 5 lbs. $4.50.

TALL NASTURTIUM

New Large-flowering Mixed. The plants are strong and vigorous, with very large, bright green leaves; flowers 3 inches across. Oz. 15 cts., ¼lb. 50 cts., lb. $1.50, 5 lbs. $6.

S. & W. Co.'s Special Mixed. Good mixture. Flowers slightly smaller than the above. Oz. 10 cts., ¼lb. 30 cts., lb. $1, 5 lbs. $4.50.

NEMOPHILA

	¼oz.	Oz.
Fine Mixed	$0 15	$0 50
Insignia-Blue	15	50

NEPETA. Ground Ivy

	Trade Pkt.	⅛oz.	¼oz.
Mussini. Perennial with blue flowers	$0 25	$0 60	$1 00

NICOTIANA (Annual)

	¼oz.	Oz.
Affinis. Sweet-scented, pure white, star-shaped flower; splendid for cutting	$0 15	$0 50
Giant Red-flowered	15	50
Sanderæ Hybrids. Splendid mixture	25	75
Sanderæ, Crimson King. (New.) Rich crimson self. Trade Pkt. 25 cts.	1 00	3 50

NIGELLA. Love-in-a-Mist

Damascena. Mixed	15	40
Miss Jekyll. Bright blue	15	40

OENOTHERA. Evening Primrose

Fraseri. Perennial border plant, with yellow flowers. Height 1½ feet. Trade Pkt. 25 cts.	2 50	7 50
Lamarckiana. Perennial. Enormous flowers. Height 3 feet	15	50

PHYSALIS. Chinese Lantern Plant

Franchetii. Produces bright orange-scarlet lantern-like fruits, of splendid decorative value. Trade Pkt. 25 cts.	50	1 50

PHLOX DRUMMONDI

DWARF, LARGE-FLOWERING

	Trade Pkt.	¼oz.	Oz.
Chamois-Rose. Shell-pink	$0 25	$0 75	$2 50
Defiance. Brilliant crimson	25	75	2 50
Fireball. Scarlet	25	75	2 50
Purple. Purple	25	75	2 50
Snowball. Pure white	25	75	2 50
Surprise. Vermilion, white center	25	75	2 50
Finest Dwarf Mixed	25	75	2 50
New Cecily Mixed. A fine mixture of dwarf varieties, containing a special selection of bright shades	25	1 50	5 00

TALL, LARGE-FLOWERING

	Trade Pkt.	¼oz.	Oz.
Brilliant. Finest crimson	$0 15	$0 50	$1 50
Carmine. Carmine, white eye	15	50	1 50
Chamois-Rose. Shell-pink	15	50	1 50
Isabellina. Tea-rose-yellow	15	50	1 50
Kermesina. Scarlet striped	15	50	1 50
Leopoldi. Rose with white eye	15	50	1 50
Purple. Deep purple	15	50	1 50
Purple King. Purple with white eye	15	50	1 50
Rosea. Enchantress-pink	15	50	1 50
Scarlet. Rich scarlet	15	50	1 50
Splendens. Deep crimson, white eye	15	50	1 50
White. Pure white	15	50	1 50
Finest Tall Mixed	15	50	1 50
Hardy Phlox, Tall Hybrids Mixed	25	1 50	5 00
Hardy Phlox, Dwarf Hybrids Mixed	25	2 00	7 50

PENTSTEMON

	Trade Pkt.	¼oz.	Oz.
Giant-flowered Hybrids, Mixed	$0 25	$1 00	$3 50
S. & W. Co.'s Pink Strain. Very pleasing strain of pink and pale rose shades		30	1 00
Sensation. Annual variety; mixed colors	25	1 50	5 00

PETUNIA

Our strains of Petunia cannot be surpassed for size of flower or range of colors. They are grown for us by a specialist, and we can strongly recommend them.

STUMPP & WALTER CO.'S NEW GIANT DWARF MIXED. The best strain of Giant Petunias for pot culture. When in full bloom the plant shows nothing but large, colorful flowers, well marked and veined. Trade Pkt. 50c., $\frac{1}{64}$oz. $2, $\frac{1}{32}$oz. $3.50.

SINGLE-FLOWERING VARIETIES

Giant Single Fringed, Mixed. Our strain of this grand Petunia is the finest procurable. Flowers are large and elegantly fringed. Trade Pkt. 25 cts., $\frac{1}{32}$oz. $1.50, ⅛oz. $5.

Balcony Type (Plain Edge). Splendid, free-flowering type, either for bedding or window-boxes. Flowers average 3 inches across.
Blue, Rose, Crimson, Purple, and **White.** Trade Pkt. 25 cts., ⅛oz. $1.25, ¼oz. $2, oz. $7.50.

Balcony Type (Fringed Edge).
White Beauty, Scarlet Beauty, Pink King (light rose), and **Pride of Portland** (deep rose). Trade Pkt. 50 cts., $\frac{1}{32}$oz. $2.50, ⅛oz. $7.50.

Single Bedding Varieties.
Rosy Morn. Special selected strain. Beautiful shade of pink.
Rose of Heaven. More brilliant than Rosy Morn.
Snowball. Pure snow-white.
Silver Blue. Beautiful shade of silvery blue.

Any of above, Trade Pkt. 25 cts., ⅛oz. 60 cts., ¼oz. $1, oz. $3

DOUBLE-FLOWERING VARIETIES

Giant Double Fringed, Mixed. Our strain of Double Fringed Petunias has been grown by the most critical florists and gardeners in the United States, and pronounced superb; all shades and colors represented. In our trials this season this strain came 95 per cent true doubles. Trade Pkt. $1, 3 Trade Pkts. $2.50, $\frac{1}{64}$oz. $7.50.

Pansy, Pastoral Giants

Separate Colors of Giant Mastodon Pansies

Black Mastodon. Nearly all jet-black.

White Mastodon. Dark center. The largest Pansies ever seen.

Mme. Perret. Edges of petals frilled and bordered white. Colors wine, pink, and red.

Prince Henry. A splendid dark blue.

Mastodon, Mme. Steele. Elk's purple; immense blooms. A perfect self.

Improved Beaconsfield. Bluish purple with lavender tinge on upper part of petals.

Mastodon, Adonis. Light blue, baby blue, and lavender shades.

Above 7 varieties, each, $\frac{1}{16}$oz. 65 cts., $\frac{1}{8}$oz. $1, $\frac{1}{4}$oz. $1.75, $\frac{1}{2}$oz. $3.25, oz. $6

"Pansy Pastoral Giants"

A variety of Super-Pansies which excel in hardiness, length of stem, and size of flower.

This magnificent strain bears the most ponderous blooms and they are the strongest and silkiest ever propagated.

They come in a multitude of harmonious and enchanting shades.

We are able to offer this magnificent strain in the following eight colors as well as a mixture.

Pure Golden Yellow
Pure Snow-White
Emperor William Blue (dark)
Lavender (light)
Mahogany
Bronze
Yellow, Dark Eye
Wine-Red
Mixed

ANY OF THE ABOVE VARIETIES

$\frac{1}{16}$oz. $1.50, $\frac{1}{8}$oz. $2.50, $\frac{1}{4}$oz. $4, $\frac{1}{2}$oz. $7.75, oz. $15

Stumpp & Walter Co.'s Exhibition Strain

This mixture of Giant Pansies has been prepared from the finest varieties grown, with blooms of gigantic size, splendid texture, and plants of robust constitution, holding their majestic blooms well above the foliage. Every conceivable color and combination of colors has been included. **$\frac{1}{16}$oz. (about 2,000 seeds) $1.25, $\frac{1}{8}$oz. $2, $\frac{1}{4}$oz. $3.50, $\frac{1}{2}$oz. $6.50, oz. $12.**

Stumpp & Walter Co.'s Non Plus Ultra

A carefully prepared mixture of Pansies designed for the critical grower who desires his Pansy-beds to have a uniform high quality, and to provide blooms of every conceivable color and combination of colors that exist in this highly meritorious flower. A planting of Non Plus Ultra will provide abundant uniform bloom of superlative quality in the mass, although not up to the standard of our Exhibition Strain. **$\frac{1}{16}$oz. (about 2,000 seeds) 75 cts., $\frac{1}{8}$oz. $1, $\frac{1}{4}$oz. $1.75, $\frac{1}{2}$oz. $3.25, oz. $6.**

Giant Mastodon Strains

New Varieties

Golden Gate. New. A monster golden yellow, unequaled in size and beauty.

Mastodon Striata. Dark and rose-pink shades, mottled and beautifully striped in true sunburst fashion.

Mlle. Irene. A shade entirely new to Pansies—a henna-red.

Improved Isabelle. A superb, ruffled bronze and yellow; long stems; very large.

Above 4 varieties, each, $\frac{1}{16}$oz. 85 cts., $\frac{1}{8}$oz. $1.50, $\frac{1}{4}$oz. $2.75, $\frac{1}{2}$oz. $5.25, oz. $10

PHYSOSTEGIA. False Dragonhead

	¼oz.	Oz.
Virginica. Hardy perennial. Spikes of delicate lilac tubular flowers.....Trade Pkt. 25 cts.	$0 60	$2 00
Virginica alba. White.....Trade Pkt. 25 cts.	60	2 00

PLATYCODON. Japanese Bellflower

Grandiflorum. Perennial. Steel-blue flowers.....Trade Pkt. 25 cts.	50	1 50
Grandiflorum album. White. Trade Pkt. 25 cts.	1 00	3 50
Grandiflorum Mariesi. Violet-blue.....Trade Pkt. 25 cts.	1 00	3 50
Grandiflorum japonicum fl.-pl. Double form; bright blue.....Trade Pkt. 25 cts.	3 00	

POLEMONIUM. Jacob's Ladder

Cæruleum grandiflorum. Splendid hardy border plant; deep blue	25	75
Cæruleum album. White	25	75
Richardsoni. Sky-blue	25	75

POPPIES

SINGLE ANNUAL VARIETIES

SHIRLEY, AMERICAN LEGION. This new Single Shirley is a dazzling orange-scarlet of enormous size, borne on long, stout stems. The plants are of very erect, robust growth. Fine for cutting. ¼oz. 25 cts., oz. 75 cts., ¼lb. $2.50.

SHIRLEY, Salmon-Pink, Pure White, Wild-Rose-Pink, Deep Apricot, and Mixed. ¼oz. 20 cts., oz. 60 cts., ¼lb. $2.

	¼oz.	Oz.
ADMIRAL. White with band of brilliant scarlet around the top	$0 15	$0 50
Dainty Lady. Large rosy mauve flowers, metallic center	15	50
Danebrog. Brilliant scarlet with silvery spot on each petal	15	50
King Edward. New. Crimson, blotched black	15	50
English Scarlet. Common field Poppy	15	50
Tulip Poppy. Scarlet; large	25	75

DOUBLE ANNUAL VARIETIES

CARNATION-FLOWERED. Bright Rose, Heliotrope, Shell-Pink, White Swan, Mikado (Red, white striped), **American Flag** (White, bordered scarlet), and **Mixed.** ¼oz. 15 cts., oz. 50 cts., ¼lb. $1.50.

DOUBLE PEONY-FLOWERED. Bright Rose, Cardinal-Red, Creamy Yellow, Shrimp-Pink, White, Black Prince, and **Mixed.** ¼oz. 15 cts., oz. 50 cts., ¼lb. $1.50.

PERENNIAL VARIETIES

ICELAND (Nudicaule).

COONARA PINKS. New Iceland Poppy. A variety of *Papaver nudicaule* recently introduced from Australia. Rose-pink and salmon are blended to give us flowers of rare shades, while the petals are slightly ruffled. The flowers are borne on long, wiry stems. A valuable addition to our hardy perennials. Trade Pkt. 25 cts., ⅛oz. $1.25, ¼oz. $2.

Single. Scarlet, White, Yellow, and **Mixed.** ¼oz. 30 cts., oz. $1.

Double Mixed. Trade Pkt. 15 cts., ¼oz. 60 cts., oz. $2.

Orientale, Scarlet. Brilliant scarlet.

Orientale, Oriflamme. Orange-scarlet.

Orientale, Princess Victoria Louise. Salmon.

Orientale, Mixed.

Any of above, unless noted, Trade Pkt. 15 cts., ¼oz. 75 cts., oz. $2.50

PORTULACA

	¼oz.	Oz.
Single, Mixed. Large-flowering	$0 25	$0 75
Double, Mixed. Large-flowering	1 00	3 00

PRIMULA. Primrose

A NEW PRIMULA OBCONICA

Glory of Farmingdale (Aalsmeer)

This new development of *Primula obconica* is of special interest to the commercial florist. The flowers are a pleasing shade of bright rose, set on large trusses, consisting of 15 to 20 florets each, which set well above the heavy foliage. The florets are individually large, often measuring 1¾ to 2 inches in diameter. The grower will have few discarded plants with this strain, and we recommend it with every confidence as the best of its type. **Trade Pkt.** (about 500 seeds) **$1.50, 1/64oz.** (about 3,000 seeds) **$7.50.**

MUELLER & MOHNSTEIN'S STRAINS. This type of Primula outrivals the old Obconica type, the flower being considerably larger, often measuring 2 inches in diameter. For pot culture as well as for the open border, this type is very useful.

Atrosanguinea, Mohnstein. Bright crimson.

Atrosanguinea, Mueller. Deep crimson.

Each, Trade Pkt. 75 cts., 1/64oz. $4, 1/32oz. $7.50

Rosea, Mueller. Trade Pkt. 50 cts., 1/64oz. $3, 1/32oz. $5.

PRIMULA CHINENSIS

Individual flowers and clusters of immense size; elegantly fringed flowers.

Giant Single, Blue		Giant Single, White (Fern-leaved)	
" "	Crimson		
" "	Ruby Queen	" "	Mixed
" "	Salmon		

Each, packet 50 cts.

PRIMULA MALACOIDES (Giant Baby Primrose)

	Trade Pkt.	1/16oz.
Lilac	$0 25	$1 50
White (*Primula malacoides alba*)	25	1 50

PRIMULA KEWENSIS

Verbena-Scented Yellow Primrose

Of strong, vigorous growth, producing numerous spikes, each 12 to 18 inches long, and bearing four to six whorls of bloom; color soft yellow. Trade Pkt. 25 cts., 1/16oz. $3.50.

PRIMULA, OTHER VARIETIES

	Trade Pkt.	¼oz.
Forbesi. Baby Primrose	$0 25	$3 50
Veris. Cowslip. Mixed	25	1 50
Vulgaris. English Yellow Primrose	25	1 50

Primula obconica, Glory of Farmingdale (Aalsmeer)

PYRETHRUM

	¼oz.	Oz.
Parthenifolium aureum. Golden Feather. Used as a foliage plant for bedding	$0 15	$0 50
S. & W. Co.'s Single Hybrids. This is a special English-grown strain of this splendid hardy perennial for cutting. Colors palest pink to deep red, yellow centers forming a splendid contrast... Trade Pkt. 25 cts.	60	2 00
S. & W. Co.'s Double Hybrids. A double form of the above. Trade Pkt. 25 cts.	1 50	5 00

RHODANTHE. Everlasting Flower

Maculata. Single; White and Rose	25	75

ROMNEYA. California Tree Poppy (Perennial)

	¼oz.	Oz.
Coulteri. White flowers. Trade Pkt. 25 cts.	$1 50	$5 00

RUDBECKIA

Bicolor, Solfaterre. Sulphur-yellow	25	75
Bicolor superba. Yellow, brown center	25	75
Fulgida. Orange-yellow	30	1 00
Newmanni. Orange, purple cone	60	2 00
Purpurea. Showy reddish purple. Trade Pkt. 25 cts.	60	2 00

SAPONARIA. Bouncing Bet (Perennial)

Ocymoides. Masses of small, bright rose flowers. Fine for rockeries	25	75
Officinalis caucasica fl.-pl. White, tinted rose	60	2 00

SALPIGLOSSIS

Superbissima. (Orchid-flowered.) This is considered the finest type of Salpiglossis for cutting.

Brown and Gold
Crimson
Light Blue and Gold
Primrose
Purple and Gold
Rose and Gold
Scarlet and Gold
Velvety Violet
Finest Mixed

Trade Pkt. 15 cts., ¼oz. 50 cts., oz. $1.50

SALVIA

Our strains of Salvias have all been grown especially for us and have been selected from specimen blooms.

All varieties are American grown except where noted

THREE FINE VARIETIES

HARBINGER. This is a true, dwarf, large-flowering Salvia which commences blooming in July from early-sown seed and continues until hard frost. It makes beautiful symmetrical plants about 15 inches high, and is densely clothed with long sprays of large, brilliant scarlet flowers. Trade Pkt. 25 cts., ⅛oz. $1.50, ¼oz. $2.50.

AMERICA or GLOBE OF FIRE. Our Selected American-grown Seed. A new variety of this popular flower. The bushy plants do not grow over 15 inches high, with the large spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet. If desired for borders or beds, this is indeed an acquisition on account of its uniformity of height. Trade Pkt. 50 cts., ⅛oz. $1, ¼oz. $1.50, oz. $5.

America or Globe of Fire. Imported Seed. Grown by a very reliable grower. Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2, ¼lb. $7, lb. $25.

OSTRICH-PLUME. The Ostrich-Plume Salvia is the most beautiful of all Salvias of recent introduction. The habit of the bush resembles the Splendens type but, unlike Splendens, produces a plume. The bush is well covered with these plumes of intense, dazzling scarlet. Trade Pkt. 25 cts., ⅛oz. $1, ¼oz. $1.75, oz. $6.50.

SALVIA, continued

	Trade Pkt.	¼oz.	Oz.
BONFIRE. Undoubtedly one of the best Salvias for bedding purposes. Long, stiff spikes of brilliant scarlet flowers	$0 25	$0 75	$2 50
Splendens. Scarlet Sage. Beautiful, bright scarlet; grows about 3 feet	25	60	2 00
ZURICH. A very early, free-flowering variety of the Splendens type, the plant not exceeding 12 inches in height, of compact habit, and bearing a great profusion of brilliant scarlet flowers	25	1 25	4 50
Patens. Rich, deep blue; fragrant	25	1 50	5 00
Farinacea. Perennial. Best grown as an annual. Fine light blue flowers on long spikes	25	1 50	5 00

SANVITALIA

Procumbens fl.-pl. Dwarf, compact growth; bright yellow, double flowers	25	60	2 00

SAXIFRAGA

	Trade Pkt.	½oz.
Cordifolia. Pink	$0 25	$2 00

SCABIOSA. Mourning Bride

Desirable hardy annual 2½ feet high. Excellent cut-flower, also suitable for bedding.

IMPROVED DOUBLE LARGE-FLOWERING

	¼oz.	Oz.	¼lb.
Azure Fairy. Lavender-blue	$0 15	$0 50	$1 50
Crimson. Rich crimson	15	50	1 50
King of the Blacks. Purplish black	15	50	1 50
Rose. Rich rose	15	50	1 50
Shell-pink. Pale pink	15	50	1 50
White. Pure white	15	50	1 50
Tall Mixed	15	50	1 50
Dwarf Mixed	15	50	1 50

HARDY PERENNIAL VARIETIES

	¼oz.	Oz.
Caucasica. Blue Bonnet. Splendid for cutting; lilac-blue. Trade Pkt. 25 cts.	$1 00	$3 50
Caucasica alba. Pure white. Trade Pkt. 25 cts.	2 00	7 50
Isaac House Strain. See Novelties, page 28	1 50	5 00
Japonica. Lavender	25	75

SCHIZANTHUS. Butterfly Flower

Stumpp & Walter Co.'s Giant-flowering Hybrids. Considered by many professional gardeners as the finest strain of this splendid pot plant and cut-flower.

Mauve and Purple Shades
Rose and Amber Shades
Rose and Carmine Shades
Rose and Pink Shades
Mixed Shades. Includes all the above colors.

Any of above, Trade Pkt. 50 cts., ⅛oz. $1.50, ¼oz. $2.50

Wisetonensis. A fine mixture of brilliant colors. Trade Pkt. 25 cts., ⅛oz. 75 cts., ¼oz. $1.25.

SENECIO (Perennial)

	¼oz.	Oz.
Clivorum. Orange-yellow	$0 50	$1 50

SHAMROCK

True Irish. ¼lb. $1.50, lb. $4	50

SIDALCEA (Perennial)

Rosy Gem. Rose. Trade Pkt. 25 cts.	75	2 50

SILENE. Catchfly (Perennial)

	Trade Pkt.	¼oz.
Alpestris. White	$0 25	$1 50
Schafta. Pink	25	1 00

SMILAX

A greenhouse climber used very extensively for floral decoration.

	Oz.	¼lb.	Lb.
Cultivated Seed	$0 60	$2 00	$6 00

SOLANUM

	¼oz.	Oz.
Capsicastrum. Jerusalem Cherry. Excellent when grown as a red-berried pot plant for Thanksgiving and Christmas sales	$0 25	$0 75

STOCKS

Our strains of Stocks have become well known to the market-florists of New York and elsewhere as being of highest quality. Our seeds of this grand flower are grown especially for us, and are gathered from plants growing in pots, thereby giving the finest selection.

For Easter and Memorial Day, Stocks are among the most valuable flowers to grow. Seeds sown up to the middle of February will secure excellent blooming plants for Memorial Day trade.

S. & W. CO.'S EARLY GIANT IMPERIAL

These Stocks are the very finest of all for cutting. Of splendid pyramidal growth, with long spikes of large, double flowers. Height, 2 to 2½ feet.

	Trade Pkt.	¼oz.	Oz.
Blood-Red	$0 50	$1 00	$3 50
Apple Blossom	50	1 00	3 50
Canary-Yellow	50	1 00	3 50
Chamois-Rose	50	1 00	3 50
Dark Blue	50	1 00	3 50
Deep Rose	50	1 00	3 50
White	50	1 00	3 50
Lavender	50	1 00	3 50
Mixed	50	1 00	3 50

S. & W. CO.'S IMPROVED GIANT PERFECTION

	Trade Pkt.	¼oz.	Oz.
White	$0 50	$1 00	$3 00
Chamois-Rose	50	1 00	3 00
Fiery Crimson	50	1 00	3 00
Light Blue	50	1 00	3 00
Dark Blue	50	1 00	3 00
Purple	50	1 00	3 00
Sulphur-Yellow	50	1 00	3 00
Mixed	50	1 00	3 00

Winter-Flowering Stocks

The following varieties of Stocks are in every way among the best.

Price, any of the following varieties, Trade Pkt. 50 cts., ¼oz. $1, oz. $3

Almond Blossom. White, shaded carmine; strong spikes.
Beauty of Nice. Delicate flesh-pink; strong spikes; large blooms.
Crimson King. Rich blood-crimson; strong spikes of large blooms.
Mont Blanc. A pure white variety; excellent for cutting.
Monte Carlo. Splendid shade of canary-yellow; strong spikes.
Old Rose. Beautiful shade of old-rose.
Queen Alexandra. Exquisite shade of lilac-rose.
Summer Night. Rich deep shade of blue; strong spikes of large blooms.

STOKESIA. Cornflower Aster (Perennial)

	¼oz.	Oz.
Cyanea. Lavender-blue....Trade Pkt. 25 cts.	$0 75	$2 50

STATICE. Sea Lavender (Perennial)

	¼oz.	Oz.
Latifolia. Purplish blue flowers....Trade Pkt. 25 cts.	$1 00	$3 50
Suworowi. Bright rose....Trade Pkt. 25 cts.	60	2 00
Sinuata, Mauve. Clear mauve	15	50
Sinuata, Rose Superba. Beautiful rose	15	50
Sinuata, Blue. Rich deep blue	15	50
Sinuata, Yellow (Bonduelli). Yellow	15	50

STEVIA

Serrata. Fragrant white flowers....Trade Pkt. 25 cts.	60	2 00

STREPTOCARPUS

S. & W. Co.'s New Hybrids. A new hybrid race of the Cape Primrose. Splendid greenhouse pot plant. Colors from white, through pink, rose, and blue, to mauve. Trade Pkt. 50 cts.

SUNFLOWER. Helianthus

	¼oz.	Oz.
Cucumerifolius. Rich yellow. 4 feet	$0 25	$0 75
Cucumerifolius fl.-pl. Bright yellow; double form	30	1 00
Cucumerifolius, Perkeo. Dwarf; ruby-yellow	25	75
Cucumerifolius, Stella. Rich yellow, black center	25	75
Cut-and-Come-Again. Mixed	15	50
Russian. Large; yellow....Lb. 50 cts.		10

HARDY SUNFLOWER

Perennial Sorts, Mixed	1 00	3 50

SWEET WILLIAM. Dianthus barbatus

SINGLE VARIETIES

	¼oz.	Oz.
White, Dark Crimson, Black-Red, Red Margined		
White, Copper-Red, and Mixed	$0 15	$0 50

DOUBLE VARIETIES

White, Black-Red, Crimson, Pink, and Mixed	30	1 00

LARGE-FLOWERED SINGLE VARIETIES

Holborn Glory. Extra-large flowers; finest shades in single Sweet Williams; distinct, large eye	15	50
Scarlet Beauty. The finest single deep scarlet	25	75
Newport Pink. The finest salmon-rose, single variety	25	75

TAGETES

Signata pumila. Dwarf, compact bushy Marigold. Flowers bright yellow, striped brown	30	1 00

THALICTRUM. Meadow Rue (Perennial)

	¼oz.	Oz.
Adiantifolium. Foliage like Maiden Hair Fern; miniature white flowers	$0 25	$0 75
Dipterocarpum. Dainty, graceful sprays of flowers, invaluable for cutting; violet-mauve, yellow stamens and anthers....Trade Pkt. 25 cts.	1 00	3 50

THUNBERGIA. Black-eyed Susan

Mixed	30	1 00

TORENIA

Fournieri grandiflora. Blue.Trade Pkt. 25 cts.	1 00	3 00

TRITOMA. Red-Hot Poker Plant (Perennial)

Express. Orange-yellow....Trade Pkt. 25 cts.	60	2 00
May Queen. Yellow.....Trade Pkt. 25 cts.	60	2 00

TROLLIUS (Perennial)

	Trade Pkt.	½oz.	¼oz.
Asiaticus. Orange	$0 25	$2 00	$3 50
Europæus. Yellow	25	60	1 00
Ledebouri. Orange	25	1 50	2 50

VERBENA

S. & W. Co.'s Mammoth Fancy Strain

Our Mammoth Fancy Strain of Verbenas is the best procurable. It cannot, we believe, be excelled for freedom of bloom, size or color.

Mammoth Fancy Pink.
Mammoth Fancy Defiance. Scarlet.
Mammoth Fancy Blue.
Mammoth Fancy White.
Mammoth Fancy Striped.
Mammoth Fancy Yellow.
Mammoth Fancy Mixed.

Each, Trade Pkt. 15 cts., ¼oz. 30 cts., oz. $1

Giant-Flowering Varieties:

Etna. Vivid scarlet with small yellow eye.
Royale. Regal blue with a large creamy yellow eye.
Salmon-Pink. Pure tone of salmon self.
White King. Pure white.
Mixed. Includes all colors.

Each, Trade Pkt. 25 cts., ⅛oz. 75 cts., oz. $2.50

	Trade Pkt.	¼oz.	Oz.
Lemon-scented (*Aloysia citriodora*)	$0 25	$1 25	$4 50
Venosa. Hardy Garden Verbena. Heliotrope	15	60	2 00

VERONICA. Speedwell (Perennial)

	Trade Pkt.	¼oz.
Amethystina. Blue	$0 25	$1 00
Incana. Blue	25	2 00
Longifolia. Deep blue	25	75
Spicata. Blue	15	50
Spicata. Mixed	15	50

VINCA

Excellent bedding plant; sow seeds early.

	¼oz.	Oz.
Alba. Pure white	$0 30	$1 00
Rosea. Bright rose	30	1 00
Rosea alba. White, with rosy eye	30	1 00
Mixed	30	1 00

VALERIANA. Garden Heliotrope (Perennial)

	¼oz.	Oz.
Red	$0 15	$0 50
White	15	50
Mixed	15	50

VIOLA CORNUTA. Tufted Pansies

Blue Gem (Jersey Gem). Compact, deep violet-blue. Trade Pkt. 50 cts., ⅛oz. $3.50, ¼oz. $6.
Apricot Gem. Apricot, blending into a deep orange center. Trade Pkt. 50 cts., ⅛oz. $1.50, ¼oz. $2.50.
Mixed. Includes all shades. Trade Pkt. 25 cts., ¼oz. 60 cts., oz. $2.

LARGE-FLOWERED VIOLAS

Aurora. Bluish purple; immense flower.
Avalanche. Largest pure white.
Royal Sovereign. Fine yellow.
White Queen. Pure white.
Finest Mixed. All colors.

Any of above, Trade Pkt. 25 cts., ⅛oz. $1.50, ¼oz. $2.50

WALLFLOWERS

SINGLE ANNUAL VARIETIES

	¼oz.	Oz.
Blood-Red. Deep red, orange shaded	$0 15	$0 50
Early Parisian. Golden yellow, shaded orange-red.	15	50
Golden Gem. Yellow	15	50

New Annual Wallflower

EXTRA-EARLY DOUBLE

If seed of this variety is sown in early spring it will be in full bloom by the end of May. The flowers are equal in size to those of the perennial double varieties, and they are delicately perfumed.

Canary-Yellow Golden Yellow
Brown, Mixed

Any of the above, Trade Pkt. 25 cts., ⅛oz. 75 cts., ¼oz. $1.25

S. & W. Co.'s Zinnias

Our Zinnias will bear comparison with the best; there are, doubtless, many as good, but none better.

CALIFORNIA GIANTS

This is a mutation from the Dahlia-flowered, therefore it carries the same robust habit, throwing vigorous laterals from which the best flowers usually come. When the flowers are half-grown they make a useful florist's cut-flower, and when in full bloom they reach enormous size, but their flatness gives them a more graceful appearance in contrast with the Giants which are described as conical in form. We have seen some flowers 8 to 9 inches in diameter in our improved strains. They are rapidly replacing the old or Double Giants which are quite large but not so graceful.

Cerise Queen. Beautiful cerise-rose.
Enchantress. Color same as Exquisite in Dahlia-flowered type.
Lemon Queen. Lemon-orange.
Miss Willmott. Soft pink.
Orange King. Cadmium or burnt orange.
Orange Queen. Golden yellow.
Pink Profusion. (New.) Delicate shrimp-pink; very large.
Purity. White.
Rose Queen. Striking bright rose.
Scarlet Gem. Glowing scarlet.
Violet Queen. Beautiful tone of violet.
Mixed.

Any of above, ¼oz. 30 cts., oz. $1, ¼lb. $3.50

GIANT DOUBLE-FLOWERING, TALL

Scarlet Salmon Rose Crimson
Yellow White Mixed

¼oz. 25 cts., oz. 75 cts., ¼lb. $2.50

DWARF DOUBLE-FLOWERING

Crimson Golden Salmon-Rose White
Canary-Yellow Scarlet Mixed

¼oz. 15 cts., oz. 50 cts., ¼lb. $1.50

LILLIPUT IMPROVED

No type of Zinnia has come into favor so rapidly as our improved strain of Lilliput. For several seasons we have been concentrating on a type with plants of even height for bedding purposes, bearing small, button-like, fully double flowers.

Salmon-Rose, introduced several years ago, attracted the attention of florists for basket-work. Crimson Gem followed. Although classed as bedding type, they will throw long stems when heavily fertilized, thus making them valuable for florists' use. The collection is as follows:

Canary-Yellow
Crimson Gem. Dark crimson.
Golden Gem
Salmon-Rose
Scarlet Gem (Red Riding Hood).
White Gem
Mixed. Includes all varieties.

Any of above, ¼oz. 25 cts., oz. 75 cts., ¼lb. $2.50

VARIOUS ZINNIAS

	¼oz.	Oz.
Curled and Crested. Large; double; petals curled and crested. Our mixture includes all the brilliant shades	$0 30	$1 00
Haageana. Mexican Zinnia. A dwarf, compact variety growing 9 to 10 inches high, with deep orange-colored flowers	60	2 00
Picotee. Plants attain height of 1½ feet. Petals are marked with a color distinct from that of the body of the flower. Mixed colors	50	1 50
Victory Quilled. New type resembling the cactus dahlia. Mixture of colors	50	1 50

S. & W. CO.'S SWEET PEAS

EARLY-FLOWERING VARIETIES

We have great pleasure in offering to our patrons a very complete list of Early or Winter-flowering Spencer Sweet Peas. Many of our patrons grew them under glass last fall and produced wonderful results. This, however, is not the only reason Sweet Pea growers have worked to produce the large-flowering strain of Sweet Peas to flower early. This new race of Early-flowering Spencer Sweet Peas is particularly adapted to sections where the Summer-flowering Spencer varieties have not proved satisfactory. In our southern states, Japan, Australia, as well as all tropical or sub-tropical countries, this strain of Early-flowering Spencers, if sown during the early fall months, will produce flowers during the winter and continue until killed by the extreme heat. This is a distinct advantage over the regular Spencer Sweet Peas which, if sown at the same time, will not begin flowering until April.

The number of varieties of Early-flowering Sweet Peas that are now being offered has become so numerous that we have been obliged to make a careful survey of the kinds that are distinct in their color and also those that do best in the various parts of this country. The following list, we feel, covers this need quite well.

FIVE NEW VARIETIES

EARLY PAL. Here is one of the entirely new shades. It has the lively, scintillating, pleasing, rich rose-crimson color which florists and commercial growers have been looking for. It is a wonderful color in artificial light. Early Pal belongs to the new long-stemmed line we began with the introduction of Early Sunray last year. The flowers are of excellent form, large and bold. The vines are vigorous in growth and very free flowering. We predict a long and successful future for Early Pal. **½oz. 60 cts., oz. $1, ¼lb. $3.50.**

EARLY APOLLO (Long-stemmed). In Early Apollo we have a fine companion for Early Sunray (long-stemmed) introduced recently. Early Apollo belongs to our new race of long-stemmed Early Sweet Peas developed for commercial flower-growers and florists. The color is a soft salmon-cerise which might be described by many as a soft salmon-pink self. It is a charming and appealing shade, blending perfectly with most pink and lavender tones of color. Contrasted in a bunch with white or cream the effect is delightful. The flowers are unusually large, nicely waved, splendidly placed, and the stems very long. Truly a great novelty. **½oz. 60 cts., oz. $1, ¼lb. $3.50.**

EARLY SPARKLE. For many years the late varieties, Royal Scot and Grenadier, have been the popular scarlet-cerise shades. In Early Sparkle we have this popular shade in an Early. Its color is bright, clear, vivid scarlet, and is quite sunproof. The flowers are large, bold, and nicely placed on the stout stems. Vines are vigorous and free flowering over a long season. **½oz. 60 cts., oz. $1, ¼lb. $3.50.**

EARLY VOGUE. This variety is an improved Early Lavender. It is a selection of the popular lavender Early Harmony. The flowers are large and well placed on long, stiff stems, and most of them carry four blossoms. In our opinion this is the best lavender ever introduced, and we feel that it will become very popular with the florist. The vine is of very vigorous growth and very floriferous. **½oz. 60 cts., oz. $1, ¼lb. $3.50.**

MAJESTIC ROSE. An immense, deep brilliant rose-pink similar to Zvolanek's Rose but of a richer, deeper tone. The color is more evenly diffused than in any other Sweet Pea in this color-class and lacks the white at the base of the standard and wings which others of this color have. In growth, length of stem and size of bloom it excels all other Early Sweet Peas. **½oz. $1, oz. $1.50, ¼lb. $5.**

STANDARD VARIETIES

	Oz.	¼lb.	Lb.
WHITE			
Snowstorm. Very good white; vigorous grower.	$0 50	$1 50	$5 00
White Harmony. Large; pure paper-white. Black seed	85	2 75	9 00
LAVENDER			
Lavender King. Rich lavender	50	1 50	5 00
BLUE			
Blue Bird. The finest Wedgwood blue; throws a small percentage of dark blue rogues, but grows more vigorous than any other blue	50	1 50	5 00
CREAM			
Cream. The best pale yellow	50	1 50	5 00
ORANGE-SCARLET			
Glitters. One of the finest of its color, cerise	50	1 50	5 00
SCARLET			
Grenadier. The best dazzling scarlet	75	2 50	7 50
ORANGE			
Eldorado. The finest orange	75	2 50	7 50
DEEP PINK			
Imperial Pink. A clear pink of enormous size.	1 00	3 50	12 00
Alameda. Deep rose-pink, overlaid with salmon-cerise-pink ½oz. 60 cts.	1 00	3 50	12 00
Morse's Superior Pink. A beautiful rose-pink, slightly shaded with salmon	75	2 50	7 50
ROSE			
Giant Rose. A fine rose-pink, bright and long-lasting	85	2 75	9 00
Zvolanek's Rose. Beautiful rose-pink	50	1 50	5 00
Mrs. Kerr. The best salmon-pink	75	2 50	7 50
MIXED			
Early-Flowering Mixed. All colors	40	1 25	4 50

Early-Flowering Sweet Pea Blue Bird

Summer-flowering Sweet Peas

In order to make it less difficult for our florist patrons to choose varieties according to their colors and shades, we have prepared the following classification of all Summer-flowering Spencer Sweet Peas listed by us.

CLASSIFICATION OF SPENCER SWEET PEAS

	Oz.	¼lb.	Lb.
BICOLOR			
Bonfire	$0 35	$1 00	$3 50
BLUE (Bright)			
Reflection	1 00	3 50	12 50
BLUE (Light)			
Gleneagles	25	75	2 50
BLUE (Dark)			
Fortune	35	1 00	3 50
BLUSH (Pink)			
Valentine	25	75	2 50
BLUSH (Lilac)			
Kitty Pierce (Duplex)	75	2 50	7 50
CARMINE			
Doreen	25	75	2 50
CERISE			
Charming	25	75	2 50
CERISE (Pale)			
Hawlmark Cerise	25	75	2 50
CERISE (Deep)			
Hero	75	2 50	7 50
CERISE (Scarlet)			
Flamingo	75	2 50	7 50
CREAM			
What Joy	35	1 00	3 50
CREAM-PINK			
Mary Pickford	$0 35	$1 00	$3 50
CREAM-PINK (Pale)			
Idyl	75	2 50	7 50
CRIMSON			
Charity	25	75	2 50
FLUSHED (White Ground)			
Carmelita	25	75	2 50
LAVENDER (Rosy)			
Austin Frederick Improved	25	75	2 50
LAVENDER (Pale)			
Wembley	35	1 00	3 50
LAVENDER (Lilac)			
Powerscourt	25	75	2 50
MAROON (Red)			
Splendour	25	75	2 50
MAROON (Dark)			
The Sultan	25	75	2 50
MAUVE			
Chieftain	50	1 75	6 00
ORANGE			
Tangerine Improved.	35	1 00	3 50
ORANGE (Deep)			
Prince of Orange	75	2 50	7 50
ORANGE (Pink)			
Royal Pink	$0 35	$1 00	$3 50
ORANGE (Scarlet)			
Mammoth	25	75	2 50
PICOTEE EDGED (White Ground)			
Youth	25	75	2 50
PICOTEE EDGED (Cream)			
Sunkist	75	2 50	7 50
PINK (Pale)			
Supreme	35	1 00	3 50
PINK (Deep)			
Pinkie	75	2 50	7 50
PURPLE			
Royal Purple	25	75	2 50
SALMON (Orange)			
Gold Crest	35	1 00	3 50
SCARLET			
Huntsman	25	75	2 50
WHITE			
Avalanche	50	1 75	6 00
WHITE (Tinted)			
Constance Hinton	25	75	2 50
MIXED SWEET PEAS			
Grand Prize Mixture.	15	50	1 50

ZINNIA

Giant Double Dahlia-flowered

We offer here a fine list of this popular florist's flower. The plants attain a height of 3 feet and produce mammoth flowers averaging 6 inches across by 3 to 4 inches in depth. Excellent for cut-flowers and for spring sales in pots.

Two Fine New Varieties

GOLDEN DAWN

The flowers are a golden yellow comparable to that color in the Double Giants, or a shade between Golden State and Canary Bird in the Dahlia-flowered type. They are of enormous size and of the most perfect type. **Trade pkt. 25 cts., ¼oz. 50 cts., oz. $1.50, ¼lb. $5.**

YOUTH

Blooms are a beautiful shade of soft rose, well-formed, true Dahlia-flowered type, grown on the usual robust Dahlia-flowered plant. It is a very vigorous and free-flowering variety. Youth is three or four shades lighter than our popular Exquisite. **Trade pkt. 25 cts., ¼oz. 50 cts., oz. $1.50, ¼lb. $5.**

Best Seven Popular Varieties

Buttercup. Creamy yellow.
Crimson Monarch. Flaming crimson.
Dream. Deep lavender-blue.
Exquisite. Light rose, deeper at center.
Oriole. Orange and gold.
Polar Bear. Large, pure white.
Scarlet Flame. Brilliant scarlet, blended orange.
Mixed. A mixture of all shades.

Each, Trade pkt. 25 cts., ¼oz. 50 cts., oz. $1.50, ¼lb. $5

Sweet Peas

Seven Fine Early-flowering Varieties

EARLY VALENCIA

The best orange Sweet Pea in cultivation. Bright orange, sunproof, of a slightly softer tone than Orange King. It is an extremely vigorous grower with fine, long stems and large blooms.

½oz. 60 cts., oz. $1, ¼lb. $3.50

EARLY BLUE BONNET

An extra-large, fine deep blue, the color being evenly distributed with not the slightest trace of mauve. Far superior to any blue on the market, having very long stems with four blossoms to a stem.

½oz. 60 cts., oz. $1, ¼lb. $3.50

EARLY SUNRAY *{Long-stemmed}*

The blooms are brilliant, glowing, yet soft cerise, on cream ground with just a suspicion of orange suffusion. The color is exceptionally clear, running evenly to the edges of the petals, and both standards and wings are of the same shade and even the keel shows some of the same color. Its stems are phenomenal in length and stoutness, many 16 to 17 inches in length, and they continue to hold their length long after most other varieties have become shortened.

½oz. 60 cts., oz. $1, ¼lb. $3.50

EARLY BELLE

This variety has large, bold, well-formed flowers, beautifully placed on unusually strong stems which are retained until late in the season. The color is a clear rose-pink on deep cream ground, and is laid on evenly on both standards and wings, showing, however, an intensification of cream at the base of the standards.

½oz. 60 cts., oz. $1, ¼lb. $3.50

EARLY PRIDE

A welcome addition to the long-stemmed varieties which have recently been introduced, and which are now finding so much favor with commercial growers and florists. Early Pride is a pure cerise of most even coloring, deeper in shade than Early Sunray, with large flowers, well placed on long stiff stems. In tests we have found that four flowers to the stem were the rule, rather than the exception. The flowers are well frilled and are borne in profusion. If growers will think of a long-stemmed, large-flowered, brighter Glitters, they will have a picture of Early Pride.

½oz. $1.25, oz. $2, ¼lb. $7

EARLY MARINE

This is the clearest of all blues and is a truer blue than even Mrs. Tom Jones and a bit deeper in color. Both standard and wings carry this blue evenly throughout the entire flower. The bold blooms are enormous, the standard measuring fully 2¼ inches across, and they are well placed on very strong stems. Plants are most vigorous and are prolific, giving a great abundance of blooms over a long period.

½oz. 60 cts., oz. $1, ¼lb. $3.50

EARLY ORIENTAL

The deepest cream in cultivation today. Its stems are exceptionally long, some sprays measuring 16 inches and over, and it retains its length of stem until late in the season with no signs of shortening as do most of the other varieties. The flowers appear in fours, this being the rule rather than the exception. Its color is a clear, deep cream and though it is black-seeded shows not the slightest trace of pink, as do most black-seeded creams. The flowers are well waved and most of them have duplexed standards, making them appear of enormous size.

½oz. 60 cts., oz. $1, ¼lb. $3.50

Stumpp & Walter Co., 30-32 Barclay Street NEW YORK

New Address after February 1, 1932: 132–138 Church Street at Warren Street, New York

General List of Grasses, Clover and Field Seeds

Grass and Field Seeds fluctuate considerably. These are prevailing market prices as of December 1, 1931, and are subject to change without notice. Let us quote you today's prices

All our seeds are carefully examined as to purity and growth in our own laboratory and tested by the leading seed-testing stations. The percentage of purity and growth is determined before we send out any seeds of any description from our establishment, and in comparing prices, remember that we will furnish, on application, the percentage of purity and growth. We have only seeds of the very best quality.

Many of our customers desire to purchase grasses in certain varieties or specify varieties to be used in a mixture. We shall be pleased to make up mixtures requested and will make no charge for the mixing.

	Lbs. per bus.	Per lb.	10 lbs.	100 lbs.
Bermuda Grass (*Cynodon dactylon*). Valuable in the South for lawns, pastures, and hayfields	36	$0 50	$4 50	$37 50
Blue Grass, Kentucky (*Poa pratens's*). Well known and extensively grown in all parts of the country.				
Superfine quality	27	55	5 00	40 00
Fine quality	21	40	3 50	25 00
Canadian Blue (*Poa compressa*). Used extensively for situations inclined to be sandy and dry	18	45	4 00	30 00
Carpet Grass (*Axonopus compressus*). A good lawn and pasture grass for moist soils of South	24	55	5 00	40 00
Colonial Bent or **Rhode Island Bent** (*Agrostis capillaris*). Excellent for lawns or pasture	18	1 35	12 50	115 00
Creeping Bent (*Agrostis species*). The distinct feature of this grass, as the name implies, is its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the roots form a strong, enduring turf that is positively improved by constant trampling. Being of fine texture, it is most valuable for lawns and putting-greens	16	1 35	12 50	115 00
Crested Dog's-tail (*Cynosurus cristatus*). An excellent grass for hard, dry soils; valuable for pastures and lawns	30	55	5 00	40 00
Domestic Rye Grass. Used as a nurse grass; also for winter turf in the South		25	1 50	10 00
English Rye Grass (*Lolium perenne*). A very nutritious, rapid-growing variety; valuable for meadows and pastures. Imported seed	28	30	2 25	16 00
Fine-leaved Sheep's Fescue (*Festuca ovina tenuifolia*). Valuable for lawns	22	65	6 00	50 00
Hard Fescue (*Festuca duriuscula*). One of the most desirable dwarf grasses; excellent for dry soils	20	55	4 00	30 00
Italian Rye Grass (*Lolium italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crop. Used for winter turf in the South. Imported seed	22	25	2 00	15 00
Meadow Fescue (*Festuca pratensis*). Valuable grass for permanent pasture	27	35	3 00	20 00
Meadow Foxtail (*Alopecurus pratensis*). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock	10	95	9 00	85 00
Orchard. A valuable pasture grass, relished by stock of all kinds; particularly adapted for growing in shady places.	14	40	3 50	25 00
Red Fescue (*Festuca rubra*). Suitable for sandy seacoast and on dry soil	27	55	5 00	40 00
Red-Top Grass Seed (*Agrostis alba*). Fancy recleaned	36	35	3 00	22 50
Red-Top, Unhulled	18	30	2 50	15 00
Rough-stalked Meadow (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage; valuable for either moist or dry soils and the best grass for shade	26	55	5 00	40 00
Sheep's Fescue (*Festuca ovina*). An excellent grass for sheep pasture	16	45	4 00	30 00
Sweet Vernal (*Anthoxanthum odoratum*). A very early variety; should be sown with other grasses	10	1 50	13 50	125 00
Timothy (*Phleum pratense*). A variety well known and highly appreciated, producing a profitable hay crop in almost any soil. Sow three-fourths bushel to acre	45	25	2 00	12 00
Triple A Bent. A special variety of *Agrostis capillaris stoloniferus.* An outstanding turf grass	32	2 00	17 50	150 00
Wood Meadow (*Poa nemoralis*). A very productive and nutritious grass, adapted for lawns or pastures. Thrives well under trees	20	80	7 00	60 00

Write for special quotations on lots exceeding 100 pounds

CLOVER SEED

Alfalfa or **Lucerne** (*Medicago sativa*). One of the best varieties, succeeding especially in the South and West, and bearing heavy crops of forage. Sow early in the spring; 30 pounds to an acre		40	3 50	32 50
Alsike or **Swedish** (*Trifolium hybridum*). Hardiest of all Clovers, and on rich, moist soil yields an enormous quantity of hay or pasture. Lasts many years. Sow 10 pounds per acre when used alone		45	4 00	30 00
Crimson or **Scarlet Clover** (*Trifolium incarnatum*). It can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre, and makes the earliest possible spring pasture, blooming the latter part of April or May, and for feeding as hay should be cut just before coming into full bloom. Sow Crimson Clover at the last working of all crops, like beans, corn, melons, cucumbers, tomatoes and other crops		35	2 75	20 00
Red Clover, Medium (*Trifolium pratense*). Medium Clover. The leading variety of Clover for pastures or meadows. Very finest quality. Domestic grown		45	4 00	30 00
White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season		60	5 50	50 00

Prices on Grass and Clover Seed subject to change without notice. Our Grass and Clover Seeds are the very finest, purest, recleaned seeds. We do not carry the cheaper grades

MISCELLANEOUS SEEDS

SPRING VETCHES. These are highly valuable for soiling or green manuring. Broadcast 150 pounds to the acre when sown alone. 10 lbs. $1.25, 100 lbs. $9.

WINTER VETCHES (Sand or Hairy Vetches). Suitable for spring and autumn seeding. Sown alone use 100 pounds seed to the acre. 10 lbs. $2.50, 100 lbs. $17.50.

SOY BEANS, MAMMOTH YELLOW. The most desirable Soy Bean for green manuring or hay. Use 4 to 8 pecks per acre. Bus. $4, 10 bus. $35.

SPRING RYE. Used as a catch crop to sow where winter grain failed. Excellent for plow-under crop. Sow two bushels to the acre. Bus. $3, 10 bus. $27.50.

Prices on all other Farm Seeds on application. Our illustrated Retail Catalogue mailed on request

The Better Varieties of CANNAS

Our roots are extra-strong and have plenty of eyes. State, when ordering, if immediate shipment is desired, or if for a later delivery.

NEWER VARIETIES OF SPECIAL MERIT

CITY OF PORTLAND. This and Hungaria are considered two of the most beautiful pink Cannas. The flowers are large in size and of a deeper pink than Hungaria. An excellent bedding variety. Height 3 feet. **75 cts. per doz., $5.50 per 100, $45 per 1,000.**

RICHARD WALLACE. While this variety is not new, it still remains among the best of the canary-yellow sorts. The habit of the plant is excellent. The flowers are very large and are borne gracefully above the foliage. Height 4½ feet. **50 cts. per doz., $3.50 per 100, $25 per 1,000.**

HUNGARIA. This variety is considered the ideal pink bedder. Flowers are large, in good trusses; color very much like that of the Paul Neyron rose. One of the best of the newer introductions and without a doubt one of the finest pink bedding Cannas as yet introduced. Height 3½ feet. **75 cts. per doz., $5.50 per 100, $45 per 1,000.**

King Humbert Canna

EUREKA. Canna hybridizers have worked patiently ever since the time of the introduction of the modern Canna, which bears such little relation as regards beauty of foliage and size of flowers to the old Indian Shot of bygone days, to produce a pure white. In offering Eureka we feel that our patrons are using the best all-round white variety for general mass planting or bedding. Height 4 feet. **60 cts. per doz., $4 per 100, $30 per 1,000.**

MRS. PIERRE S. DU PONT. Without a doubt this variety is the leader of all Cannas in the pink section or, for that matter, of any other color introduced up to the present time. The foliage is of truly tropical effect, being very broad and long, dark green in color, and offers a beautiful foil for the gigantic trusses of bloom. The color is best described as watermelon-pink, and the individual flowers are large, forming an immense head. Height 4 feet. **$3 per doz., $20 per 100**

THE PRESIDENT. In color, a rich, glowing scarlet, and the immense, firm, rounded flowers, 7 inches across when open, are produced on strong, erect stalks well above the large, rich green foliage. The President is superior to any other red variety in quantity and quality of bloom, and the firm flowers resist drought and heat to a remarkable degree. Considered the finest Canna ever produced. Height 4 feet. **60 cts. per doz., $4 per 100, $30 per 1,000.**

OTHER GOOD VARIETIES

KING HUMBERT. Of superlative beauty and by far the finest of all bronze-leaved Cannas. The enormous trusses are made up of flowers that measure 6 inches across, and are a rich salmon-scarlet, distinctly and numerously flecked with deep crimson markings. It is a free bloomer, and with its rich, coppery bronze, massive foliage, it produces an effect both bold and striking. Height 5 feet. **60 cts. per doz., $4 per 100, $30 per 1,000.**

LOUISIANA. An orchid-flowering variety whose long, silky, vivid scarlet flowers are borne well above the foliage. The beautiful bronze foliage contrasts well with the vivid color of the bloom. Height 6 feet. **50 cts. per doz., $3.50 per 100, $25 per 1,000.**

WYOMING. This beautiful orchid-flowering Canna is much admired for its bronze foliage and its beautiful orange flowers. **50 cts. per doz., $3.50 per 100, $25 per 1,000.**

WINTZER'S COLOSSAL. A striking vivid scarlet that retains its brilliancy. One of the largest flowering of all the Cannas, producing immense trusses of bloom with beautiful green foliage. Height 5 feet. **60 cts. per doz., $4 per 100, $30 per 1,000.**

YELLOW KING HUMBERT. A sport of one of the most popular of all Cannas, King Humbert, producing large blooms of a beautiful shade of yellow, lightly spotted red, five or six clusters at a time; green foliage. Without a doubt the finest of its color yet produced. Height 5 feet. **60 cts. per doz., $4 per 100, $30 per 1,000.**

Gladiolus, Peace

GLADIOLUS

The Cream of the World's Best Varieties

MOST POPULAR OF ALL SUMMER-FLOWERING BULBOUS PLANTS

We beg to call attention to the several Novelties listed, as they are distinctly superior varieties, and every florist should place a trial order for some of them. The Gladiolus delights in a sunny position and requires a liberal amount of plant food in the form of sheep manure, with bone-meal for top dressing.

	Doz.	100	1,000
ALICE TIPLADY. A splendid variety of the Primulinus type. Few varieties of this splendid decorative type of Gladiolus have met with as popular favor as a cut-flower as this variety. Many orange-saffron flowers open at one time	$0 40	$3 00	$25 00
AMERICA. Delicate lavender-pink flowers of large size, borne on strong stems. Very popular cut-flower variety	40	3 00	22 50
ANNA EBERIUS. Dark velvety purple, throat deeper shade; very large flowers on tall, fine spikes. An excellent variety in an unusual color	50	3 50	30 00
CHICAGO WHITE. An old standard white variety. The lower petals are marked with lavender stripes. Early flowering	40	3 00	25 00
CRIMSON GLOW. Deep, brilliant crimson, overlaid with darker shades; lower petals blotched with deep velvety crimson. The flowers are immense and plentifully spread on the tall graceful stem	40	3 00	25 00
DOROTHY WHEELER. (Primulinus.) It is a most beautiful rose-pink. Slightly ruffled with lighter throat. Plant tall and many flowers open at once	50	3 50	30 00
E. J. SHAYLOR. Tall, very strong plants and large blooms of a beautiful deep rose-pink. This variety has recently been awarded a certificate of merit in London	40	3 00	27 50
EVELYN KIRTLAND. Flowers of strong substance; rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches, the entire flower showing a brilliant scarlet luster	40	3 00	27 50
GOLDEN MEASURE. A deeper shade of yellow, heretofore unknown in the large-flowering Gladiolus. This is a real gem	80	6 00	50 00
GRETCHEN ZANG. Large heavy blooms, of a beautiful soft shade of pink, blending into scarlet on lower petals	40	3 00	25 00
HALLEY. Very early. The flowers are large in size, of beautiful salmon-pink, with creamy white blotch in throat	40	3 00	25 00
HERADA. Blooms of immense size on tall straight spikes; the color is a pure mauve	50	4 00	35 00
JACK LONDON. Light salmon with vermilion stripes, canary-yellow throat. Perfectly placed flowers on strong stems. A robust grower	50	3 50	30 00
JOE COLEMAN. Bright red, carmine blotch; very attractive, ruffled flowers, many open at a time. Strong grower and good propagator	50	3 50	30 00
LILY WHITE. A comparatively recent, reliable, first-class, early, all-white forcing variety of good height, with large blooms, and many open at a time	40	3 00	25 00
LOS ANGELES. Beautiful shrimp-pink, with glowing orange-carmine blotch in throat. Tall and graceful stems. Most bulbs blooming with two spikes	50	3 50	30 00
LOUISE. Well-opened orchid-like flowers of attractive bluish lavender, with wine-colored mark in the throat	60	5 00	40 00
MAIDEN'S BLUSH. (Primulinus.) A splendid forcing variety of beautiful shell-pink	40	3 00	25 00

SEE OTHER GLADIOLUS VARIETIES ON PAGE 52

Gladiolus, Crimson Glow

GLADIOLUS, continued

	Doz.	100	1,000
MARY PICKFORD. We are pleased to be able to secure sufficient stock to justify us offering this beautiful Gladiolus this year. An extraordinary flower and spike of a most delicate creamy white. Throat finest soft sulphur-yellow; stem and calyx also white	$0 50	$4 00	$30 00
MRS. DR. NORTON. Silvery white base tinged with pink, deepening toward the edge of the petals; creamy blotches in throat on lower petals. Tall, vigorous grower; splendid cut-flower	50	4 00	35 00
MRS. FRANCIS KING. Brilliant flamingo-pink, blazed with vermilion-red. Popular variety	40	3 00	25 00
MRS. FRANK PENDLETON. Salmon-pink which extends to reverse side of the petals as well as in the center, with a rich, deep maroon blotch on the three lower petals. Flowers are wide open and well placed on strong spikes. A variety that has become very popular	40	3 00	25 00
MRS. LEON DOUGLAS. Enormously large flowers of beautiful begonia-rose, striped with flame-scarlet, the lower petals pale lemon, speckled ruby. The tall, strong stems produce several side shoots, the whole forming a wonderful bouquet. One of the largest Gladiolus in existence	60	5 00	40 00
NIAGARA. Soft primrose; faint lines of lilac in the throat, with purple stamens and pale carmine stigmas, which add to the attractiveness of the variety. Flowers are large in size, borne on tall spikes	50	4 00	32 50
PANAMA. Similar in type to America, but of a deeper shade of pure rose-pink. The flowers are large in size and well placed; tall spikes	40	3 00	25 00
PEACE. Few varieties have become as popular as Peace. The general effect of the flower is white, with a pale lilac feathering on the lower petals. They are large in size, well placed, and are borne on tall, strong spikes	40	3 00	25 00
SALMON BEAUTY. A large and showy flower; in fact the last two or three seasons it has been pronounced the best Primulinus by the Massachusetts Horticultural Society. The color is deep orange-salmon	50	4 00	32 50
SCHWABEN. Pure canary-yellow, with a carmine blotch deep in the throat, which aids in detracting from its uniformity of color. Flowers are wide open, large in size, well placed on strong spikes of medium height	50	4 00	32 50
SOUVENIR. Of the many shades and tints in this beautiful type of Gladiolus, we consider Souvenir as being the best pure yellow Primulinus	50	3 50	30 00
VIRGINIA (Scarlet Princeps). Flaming scarlet; large, massive flowers, many open at a time, making a gorgeous display of dazzling red	50	3 50	30 00
WILBRINCK. Flesh-pink, with yellowish blotch on lower petals; large, well-placed flowers on tall, strong stems. The first pink to bloom, together with Halley, of which it is a sport.	50	3 50	30 00

GLADIOLUS IN MIXTURES

Primulinus Hybrids

The original species, as they were first introduced from South Africa, created interest among Gladiolus growers mainly for their habit and the beautiful colorings of the flowers. They proceeded to cross them with the finest of the large-flowering Gladiolus and the resultant crosses brought forth a really beautiful acquisition. The flowers were larger, more open, retaining their graceful placement on the spikes and also their beautiful range of artistic colors. Our Hybrids range in color from pale sulphur-yellow-apricot to the deepest chrome-yellow and excellent shades of orange as well. **40 cts. per doz., $3 per 100, $25 per 1,000.**

S. & W. Co.'s American Hybrids

A special mixture of the best named varieties of Gladiolus as well as seedlings of American origin. The colors are well covered in this mixture. **40 cts. per doz., $3 per 100, $25 per 1,000.**

SELECT DECORATIVE DAHLIAS

We offer below selected varieties of Decorative Dahlias, which can now be had at moderate prices

Amun Ra. An immense flower of gorgeous shades of copper and orange. A strong, vigorous-growing variety. **25 cts. each, $2.50 per doz.**

Barbara Redfern. Very large, deep flowers of a delightful blend of old-rose and old-gold, borne on heavy, stiff stems. A free bloomer and vigorous grower. **75 cts. each, $7.50 per doz.**

Calumet. Large, attractive flower of deep cinnamon-brown. A splendid bloomer and an excellent variety in every way. **50 cts. each, $5 per doz.**

Calvin Coolidge, Jr. Beautiful and stately Dahlia. Large flowers of lovely rose-pink, suffused salmon and tipped with gold. A vigorous grower and free bloomer. **50 cts. each, $5 per doz.**

Carmello. Very large flower with curly petals, held upright on fine strong stems. Rich deep amaranth-pink. **50 cts. each, $5 per doz.**

Chevacano. A beautiful, fine exhibition Decorative Dahlia of true form. Flower full and deep, rich apricot. Good bloomer; fine stems. Won many prizes at the Coast. **75 cts. each, $7.50 per doz.**

Chemar's Eureka. One of the best white Dahlias. A seedling of Jersey's Beauty. Has long, strong stems and vigorous growth. **75 cts. each, $7.50 per doz.**

City of Trenton. A fine autumn-colored Dahlia. Petals tangerine, reverse strawberry-red. Flowers are very large, held erect on long stems. **$1.50 each, $15 per doz.**

Countess of Claverly. We are extremely fortunate in being able to offer to our customers this very fine Dahlia which is, without doubt, the finesist, irrestible, real pink Semi-Cactus Dahlia, bearing full flowers, 8 to 10 inches across, from early in the season until killed by frost. It is a very vigorous grower, with fine stems, and a prolific bloomer. The flowers are excellent keepers and are even more beautiful under artificial light than outdoors. A sensation wherever shown. **$1.50 each, $15 per doz.**

Dakota. This variety occupies a prominent place at Dahlia shows. It is of splendid habit, and the blooms are held erect on strong stems. The color is, perhaps, best described as flame. **35 cts. each, $3.50 per doz.**

Earl Williams. This giant-flowering Decorative Dahlia attracted considerable attention at the Dahlia shows in recent years. Brilliant crimson and white. One of the finest and most attractive of the newer varieties. **35 cts. each, $3.50 per doz.**

Elite Glory. Color brilliant American red. Blooms very large and held well above foliage on long, cane-like stems. Foliage exceptionally vigorous. **75 cts. each, $7.50 per doz.**

Ellinor Vanderveer. Very large satiny rose-pink blooms of great depth on fine, long, strong stems. A splendid exhibition variety. **35 cts. each, $3.50 per doz.**

Francis Larocco. One of the finest large, pure yellow, Decorative Dahlias in existence, and perfect in form. Vigorous grower with fine stems and of profuse-blooming qualities. **50 cts. each, $5 per doz.**

F. T. D. Sport of the well-known Trentonian. Beautiful Tyrian rose; strong grower. **30 cts. each, $3 per doz.**

Golden Jubilee. Large, bronzy orange blooms held upright on very strong stems. Vigorous grower and free flowering. **75 cts. each, $7.50 per doz.**

Grace Sperling. Its splendid color, beautiful form, and fine habits make this a very desirable Dahlia. The color is perhaps best described as a two-tone face of golden iridescent buff with reverse of petals amaranth-purple. Free flowering, on long, perfect stems. **35 cts. each, $3.50 per doz.**

Harry Mayer. Beautiful silvery pink with reverse deeper rose-pink. Petals very regularly placed, making a heavy, thick bloom. One of the finest exhibition Dahlias to date. **75 cts. each, $7.50 per doz.**

Ida Perkins. A fine clear white of great substance. Excellent bloomer on fine stems. Prize-winner. **$1.50 each, $15 per doz.**

Jacqueline Darnell. Very large flowers on long stems. Color at base deep buttercup-yellow, all petals shaded and tipped rose. Fine stems and good keeper when cut. **75 cts. each, $7.50 per doz.**

Jane Cowl. One of the few outstanding exhibition Dahlias in 1928 and 1929. Deep, massive blooms of a bronzy buff and old-gold, blending darker toward the perfect center. A stem of unusual strength holds this giant Decorative over a plant of ideal growth, while the foliage is the thick, leathery kind that insects seldom injure. **50 cts. each, $5 per doz.**

Jane Cowl Decorative Dahlia

SELECT DECORATIVE DAHLIAS

We offer below selected varieties of Decorative Dahlias, which can now be had at moderate prices

Jersey's Beacon. This fine novelty is Chinese-scarlet in color, paler on the reverse, giving a two-toned effect. It is a great favorite and a real "beacon of the garden." Very large; free bloomer; vigorous grower. **25 cts. each, $2.50 per doz., $18 per 100.**

Jersey's Beauty. This is, without a doubt, the finest true pink Decorative Dahlia yet introduced. The beautiful large, pink flowers are of perfect form and are supported on long, straight, stiff stems, held well above the foliage. As a cut-flower it is a wonderful keeper and is instantly admired. Owing to a good supply of tubers, we are able to offer this fine Dahlia at a reasonable price this year. **25 cts. each, $2.50 per doz., $18 per 100.**

Jersey's King. Very large, perfect flowers of a brilliant Oriental red, with carmine suffusion, are borne on long, stiff stems. **35 cts. each, $3.50 per doz.**

Kentucky. (Wigginton.) A sport of Jersey's Beauty, having the same good qualities. Color is a wonderfully brilliant light salmon-orange, shading to orange-yellow at base of petals, deepening to grenadine-pink on the reverse of petals. Long, strong stems. Very prolific bloomer. From early to late. **$1.50 each, $15 per doz.**

Margaret Woodrow Wilson. An exhibition type of rare opalescent pink and creamy white. Full, immense, deep flowers, borne freely on the best of stems. **50 cts. each, $5 per doz.**

Marmion. This huge, beautiful flower of golden yellow, with bronze suffusion, always attracts attention. The florets are wavy and curl gracefully. A very free bloomer and vigorous grower. **50 cts. each, $5 per doz.**

Jersey's Beauty

Mr. Edwards. The color of this lovely Dahlia is amaranth-pink, with reverse of petals shaded plum. Flowers very large and deep. A Dahlia admired by many in our gardens. **75 cts. each, $7.50 per doz.**

Mrs. Carl Salbach. A large, long-stemmed variety of a delightful shade of silvery bluish lavender. Fine for exhibition. **35 cts. each, $3.50 per doz.**

Mrs. I. de Ver Warner. A refined, deep mauve-pink Dahlia of perfect form, impressive on account of its size and beautiful orchid color. It is an abundant bloomer. **25 cts. each, $2.50 per doz.**

Perella. A large Dahlia of bright rose-pink, shading to lavender. Free flowering, with long, strong stems. A good keeper. **75 cts. each, $7.50 per doz.**

Pride of California. Considered by many Dahlia enthusiasts as the most brilliant of the new Dahlias. The flowers are of large size, perfect in form, and of a glowing cardinal-red. The finest of the dark rich crimson Decorative Dahlias for all purposes. **35c. each, $3.50 per doz.**

Pride of Stratford. Giant Decorative of a beautiful two-toned autumn shade; petals are deep cadmium-orange, shading to lighter orange-yellow at base of petals; reverse, reddish bronze; petals slightly quilled. Very fine long stems. **75 cts. each, $7.50 per doz.**

Queen of the Garden Beautiful. An enormous prim-rose-yellow Dahlia. Free flowering; vigorous grower. **75 cts. each, $7.50 per doz.**

Robert Treat. Flowers 9 to 11 inches across and 4 inches deep, of a pleasing American-Beauty-rose-color, unlike any existing variety. Strong, healthy grower and free bloomer. A sensational Dahlia. **50 cts. each, $5 per doz.**

Rose Fallon. One of the largest of the new eastern introductions. A beautiful Decorative of pleasing shades of amber, russet, and salmon. The formation of the flower is perfect and the stems are excellent. Its foliage is very dark and fine. A good cut-flower variety. **75 cts. each, $7.50 per doz.**

Sagamore. An exceptionally fine cut-flower of a light apricot-buff, shaded orange-buff toward the center. It has fine strong stems with splendid keeping qualities. **25 cts. each, $2.50 per doz., $18 per 100.**

Salmon Supreme. At our Trial-Grounds this splendid seedling of Jersey's Beauty proved a sensation. As the introducers of this variety, we feel justified in predicting that it will become a very popular Dahlia. The form and color are really wonderful. Its very large, glistening salmon-orange flowers are held proudly erect on the strongest of stems. Free flowering and a vigorous grower. This fine new Dahlia should be in every garden. **$1.50 each, $15 per doz.**

Sanhican's Gem. A shade of old-rose suffused with amber. The florets twist at the points, giving it the appearance of a Hybrid Cactus. A medium-sized flower with good stems. **50 cts. each, $5 per doz.**

Shackamaxon. An orange-cinnamon Dahlia of splendid substance and keeping qualities, with long, narrow petals. **75 cts. each, $7.50 per doz.**

Snowdrift. One of the finest white Decorative Dahlias, either for garden decoration or exhibition. A gigantic flower of perfect form, with broad, waxy white petals, borne on long, stiff stems, held erect. **35 cts. each, $3.50 per doz.**

Treasure Island. One of the finest autumn-shade varieties. Flowers bright apricot, with rose suffusion, held erect, with full centers throughout the season. 10-inch flowers are freely produced. A splendid acquisition. **$1 each, $10 per doz.**

Trentonian. A very large Dahlia of a shade that instantly appeals—a fine blending of old-gold, amber, and coppery bronze, with a reddish bronze center. The stems are long and strong. **50 cts. each, $5 per doz.**

CHOICE CACTUS DAHLIAS

We offer below a choice list of Cactus Dahlias which have proved to bloom well under varying conditions. They are all excellent cut-flower varieties, as well as splendid varieties for garden decoration. While numerous Dahlia enthusiasts are growing the Decorative type of Dahlias on account of their massiveness, the Cactus Dahlia is still preferred by many flower-lovers on account of its artistic appearance.

Ambassador. An outstanding Dahlia at many of the Dahlia exhibitions, and considered by many as being one of the best and most artistic of recent Dahlia introductions. Its color is, perhaps, best described as a soft yellow at the center, with salmon, amber, and pink shadings, gradually deepening towards the tips. The flowers are of largest size and are set just right on perfect stems. A strong grower and free bloomer. **35 cts. each, $3.50 per doz., $25 per 100.**

Cigarette. Very fine scarlet, tipped white. A free-blooming variety with flowers held erect on long, stiff stems. **50 cts. each, $5 per doz.**

Countess of Lonsdale. The best-known and the most desired of all the Cactus Dahlias. It is of the older Hybrid Cactus type, with broad, straight, pointed petals of a deep salmon-red color, and is a very abundant and continuous bloomer. If only one Cactus Dahlia could be had, ninety-nine people out of a hundred would select this one. **25 cts. each, $2.50 per doz.**

Daddy Butler. Color, attractive combination of rosy carmine with lighter reverse. An early and free bloomer on perfect stems. **50 cts. each, $5 per doz.**

Dusky Belle. Very deep dark maroon, almost black, making all the shades of the dark Dahlias in the garden seem light in comparison with it. Fine long stems. Vigorous grower and profuse bloomer. **75 cts. each, $7.50 per doz.**

Ethel T. Smith. Enormous flowers held erect on splendid stems; lemon-yellow shading to white. Very popular. **35 cts. each, $3.50 per doz.**

F. W. Fellowes. We consider this one of the best Cactus varieties ever raised. The flowers are of unusual size for the long, narrow-petaled type, and of intense coral-red with deeper suffusion toward the center. A leader in this type at all Dahlia exhibitions or for the garden. Excellent as a cut-flower. **50 cts. each, $5 per doz.**

Mrs. Edna Spencer Cactus Dahlia

Glen Cove Beauty. A cross between Ambassador and Mrs. John T. Scheepers, retaining the good points of each. Same color as Mrs. John T. Scheepers—chamois, edged pink. Fine, large flower. Cane-like stems. Vigorous grower and free bloomer. **75 cts. each, $7.50 per doz.**

Eagle Rock Gem. Maize-yellow, shading to Oriental pink. A very fine strong-stemmed Cactus Dahlia. Color very unusual. Good habits, flowers always erect. **75 cts. each, $7.50 per doz.**

Eagle Rock Jewell. One of the most beautiful colors in any Dahlia—cream, overlaid cameo-pink. Flowers are very large and borne on strong stems. Vigorous growth; free flowering. **75 cts. each, $7.50 per doz.**

Eagle Rock Sunshine. In a class by itself. The flowers, of a very fine shade of deep yellow, are very large and are held perfectly erect on long, strong stems. It shows no tendency to become pendent, even under the most unfavorable conditions, and produces blooms full to the center until frost. It is unquestionably the finest yellow Cactus Dahlia. **50 cts. each, $5 per doz.**

Elkridge. This large, pure white variety is of fine form and great substance. It flowers very freely on long, strong stems. Has won many prizes. **75 cts. each, $7.50 per doz.**

Etendard de Lyon. Rich purple-violet flowers with broad petals, curled and waved. Distinct in form. Very fine stems and prolific bloomer. **35 cts. each, $3.50 per doz.**

Lorna Doone. Splendid incurved Cactus, yellow at the base, changing to pink tinted rose; fine upright growth and stiff stems. **50 cts. each, $5 per doz.**

Mrs. Edna Spencer. This Hybrid Cactus Dahlia has flowers of a delicate and exquisite shade of orchid-pink. Very beautiful and of good formation with strong stems. **35 cts. each, $3.50 per doz.**

Red Cross. Immense, brilliant scarlet and gold flowers held aloft on very long, straight stems. A great prize-winner. **50 cts. each, $5 per doz.**

Roycroft. Large, finely formed Semi-Cactus of cinnamon-buff, deepening to russet. Very prolific bloomer. Fine stems. Vigorous grower. **35 cts. each, $3.50 per doz.**

Silverado. The immense blooms of this lovely Cactus are white, gradually shading to a delicate lavender toward the center. Stems extra long and strong. **75 cts. each, $7.50 per doz.**

Pompon Dahlias

POMPON DAHLIAS

We offer below a select list of these beautiful Pompon Dahlias, a miniature form of the Show Dahlias, having the same ball-like form, but much smaller in size. The plants are also smaller, of branching habit, and produce an endless profusion of flowers, which are invaluable for table decoration and boutonnieres.

Dark Eye. Lavender, dark center.
Elizabeth. Bronze.
Flame. Bright red.
Eunice. Lavender-pink, tinted lighter.
Glausse. Vivid orange.
Golden Beauty. Yellow.
Little Herman. Maroon, tipped white.
Madeline. Primrose, suffused rose.
Snowbird. Pure white.
Tom Thumb. One of the tiniest. Crimson flower.

Any of above Pompon Dahlias, 20c. each, $2 per doz. COLLECTION: One each of above 10 varieties, $1.75

MISCELLANEOUS BULBS AND ROOTS

AMARYLLIS

S. & W. Co.'s Giant Hybrids. We have received from the largest growers of Amaryllis bulbs in this country the finest stock of this excellent house plant. A splendid item for the retail store florist. The bulbs are grown five years to obtain size and the seed was selected from the finest strain of Amaryllis in this country. Bulbs produce from 4 to 6 blooms and the colors range from pure white ground with varied markings of rose, red, and crimson to the richest self colors, such as scarlet, crimson, bright red, cherry, and almost maroon.

Jumbo bulbs, 40 cts. each, $4 per doz., $30 per 100.

BEGONIAS (Tuberous-rooted)

Ready about January 1

We offer the very choicest Giant-flowering type. Bulbs measure 1½ to 2 inches.

	Doz.	100	1,000
SINGLE			
White	$1 75	$12 00	$110 00
Yellow	1 75	12 00	110 00
Pink	$1 75	$12 00	$110 00
Scarlet	1 75	12 00	110 00
Mixed	1 75	12 00	110 00
DOUBLE			
White	$2 00	$13 00	$120 00
Yellow	2 00	13 00	120 00
Pink	$2 00	$13 00	$120 00
Scarlet	2 00	13 00	120 00
Mixed	2 00	13 00	120 00

CALADIUM

Esculentum (Elephant's Ear). Mammoth Bulbs, 9 to 11 inches..... Doz. $1 25, 100 $8 00, 1,000 $75 00

FANCY-LEAVED. Few, if any of the summer foliage plants equal the Fancy-leaved Caladiums in their rich and gorgeous, yet soft coloring. All the twelve varieties are of marvelous beauty for the furnishing of the conservatory during the summer months or even for outdoor bedding in shady or semi-shady positions. Bulbs of some varieties offered are larger than others. Pot up 1 bulb of large size to 3 or 4-inch pot; smaller bulbs, 2 to this size. Use good greenhouse compost soil with good drainage, and liquid or sheep manure for feeding.

Twelve Choice Distinct Varieties. 25 cts. each, $2.50 per doz., $17.50 per 100.

Extra Choice Mixture of 20 Varieties. 20 cts. each, $2 per doz., $15 per 100.

CALLAS

Elliottiana (Yellow Calla). This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is very striking. When it is grown as a pot plant the spotted foliage shows the flower off to great effect. In a short time this new variety will be wonderfully popular on account of its beauty and its low price. Selected large bulbs, 40 cts. each, $4 per doz., $35 per 100.

CINNAMON VINE (Chinese Yam)

Splendid hardy climber of rapid growth, with bright green, heart-shaped leaves and white cinnamon-scented flowers. Fine Roots, 3 to 7 inches, 75 cts. per doz., $5 per 100, $45 per 1,000.

GLOXINIA

S. & W. Co.'s Erecta Grandiflora. We have developed a special strain of these from seed which we offer in mixture only. The tubers are first-class, selected stock. The colors range through pink, scarlet, crimson, white, dark violet, and white bordered blue. $3.50 per doz., $25 per 100, $225 per 1,000.

HYACINTHUS

Candicans. Splendid for spring planting in the garden border. First size, 1 to 2 inches in diameter. $1.25 per doz., $8 per 100, $75 per 1,000.

MADEIRA or MEXICAN VINE

Where florists have a counter trade or retail store, these sell readily, and we recommend having a moderate supply on hand. Selected Tubers. 90 cts. per doz., $6 per 100, $50 per 1,000.

TUBEROSES

We offer a select stock of this very desirable summer-flowering bulb. Planted outdoors late in April, they provide an inexpensive crop of profitable flowers for late summer and early autumn trade.

	Doz.	100	1,000
Mammoth Double Pearl. Double, pure white flowers. The popular variety of Tuberose. First-size Bulbs, 6 to 8 inches in circumference	$0 60	$4 00	$35 00
Albino, Single. We frequently receive calls for the single white Tuberose. This is the best variety of this type. Selected Bulbs	50	3 00	25 00

HARDY JAPANESE LILIES

The hardy Lilies are now planted by many florists; they bloom outdoors during July and August and are extremely useful.

AURATUM. Splendid for pot culture or for growing in the open for cutting. Per case
9 to 11 inches (150 to case) $20 00

SPECIOSUM MAGNIFICUM. This is conceded to be the best type of the red Speciosum Lily. Per case
9 to 11 inches (150 to case) $26 00
Rubrum, Roseum, or **Melpomene,** same price as the above.

SPECIOSUM ALBUM. Per case
8 to 9 inches (200 to case) $27 50

LILIUM GIGANTEUM (Cold storage).
7 to 9 inches (300 to case)
8 to 9 inches (250 to case) ..... Prices on application
9 to 10 inches (200 to case)

S. & W. CO.'S SUPERIOR LILY-OF-THE-VALLEY (Cold Storage)

We are in receipt of shipment of Berlin Lily-of-the-Valley and wish to state that our growers have selected the cream of the crop. High Quality Lily-of-the-Valley Pips are always in demand. They are full 3-year-old crowns and we offer to our patrons in cases of the following sizes at Per case

Packed (250 to case) $12 50
Packed (500 to case) 22 50
Packed (1,000 to case) 40 00

We ask our patrons to place trial order and if found satisfactory, to place contract order for their requirements, to be shipped by us in such quantities and at such times as required.

Our Fancy-leaved Caladiums are grown on contract for us by a leading American specialist. The varieties and colorings are the finest in commerce.

Miscellaneous Supplies

Asparagus Buncher, "Acme." No. 1 makes bunch 3 to 3½ in. diameter, length adjustable 7 to 9 in., $4.50; No. 2 makes bunch 4 to 4½ in. diameter, length adjustable 7 to 9 in., $4.75.

Asparagus Knives. American V-shaped, 45 cts. American Straight-Edge, 45 cts.

Baskets, Green, Wire Hanging—	Each	Doz.
8-inch	$0 25	$2 50
10-inch	30	3 00

Baskets, Fruit and Flower. A handy basket for carrying berry-baskets while being filled. Can also be used for gathering cut-flowers, berries, grapes, asparagus, and small vegetables.

	Length	Width	Depth	Each	Doz.
Small Size	18 in.	10 in.	3½ in.	$0 55	$6 10
Medium Size	20 in.	12 in.	3½ in.	65	7 15
Large Size	22 in.	14 in.	3½ in.	90	9 90

Baskets, Gardeners'. For gathering fruits and vegetables of heavy weight. Made with bamboo and strapped with galvanized iron. Extra strong and durable.

	Length	Width	Depth	Each
No. 1.	20½ in.	13½ in.	7 in.	$2 00
No. 2.	23 in.	14½ in.	8 in.	2 25
No. 3.	24 in.	15½ in.	9 in.	2 50

Baskets, Galvanized Heavy Wire Hanging—	Each	Doz.
8 inch	$0 75	$8 25
10 inch	80	8 80
12 inch	90	9 90
14 inch	1 00	11 00

Bird-Netting. To protect strawberries, small fruits, and vegetables from birds. 1-in. mesh only, in 20- and 30-ft. widths. $1.90 per 100 sq. ft.

Flower-Boxes, Cardboard. Ivy-green; lock corners—

	Depth	Length	Width	Doz.	100
No. 1.	3 in.	18 in.	5 in.	$0 90	$5 00
No. 2.	3 in.	21 in.	5 in.	1 00	6 00
No. 3.	4 in.	24 in.	8 in.	1 45	9 00
No. 4.	5 in.	28 in.	8 in.	1 80	11 25
No. 5.	5 in.	36 in.	8 in.	2 25	13 75

Boxes, Corrugated Cardboard. Very heavy and durable; extensively used by florists for shipping cut-flowers.

No.	Length	Width	Depth	Doz.	100
A.	20 in.	7 in.	4 in.	$2 00	$11 25
B.	28 in.	8 in.	5 in.	2 75	14 75
C.	30 in.	12 in.	6 in.	3 25	18 50
D.	36 in.	14 in.	8 in.	4 25	24 00
E.	48 in.	14 in.	8 in.	5 00	28 50
F.	36 in.	12 in.	6 in.	3 50	20 50

	Per Ream
Paper, Florists' Wax. 18 x 24 in.	$1 50
24 x 36 in.	2 75
Paper, Florists' Tissue. 24 x 36 in.	2 15
Paper, Florists' Manila. 24 x 36 in.	3 85

Carnation Supports, Model Extension—	Doz.	100
Two-ring	$1 00	$6 40
Three-ring	1 20	7 25

Baur Carnation Clip. 1 Plier and 1,000 Clips, $3.50. Plier alone, $2.75. Extra clips at 75 cts. per 1,000.

Clips, Eureka. For fastening rose and chrysanthemum wire stakes. $1.40 per 500, $2.50 per box of 1,000.

Dibble, Garden. For transplanting cabbage, celery, etc. Small size, steel point, 75 cts.; larger size, 85 cts.; large size, brass point, $1.10.

Neponset Paper Flower Pots

No breakage. Light in weight. Easy to handle. Economical. Nesting closely. Saving transportation charges. Don't wrap cuttings and bulbs for shipment in paper, but use Neponset Flower Pots.

	Case contains	100	1,000
2¼-inch	1,000	$0 50	$3 40
2½-inch	1,000	55	3 90
3-inch	1,000	75	5 30
3½-inch	1,000	95	6 90
4-inch	500	1 15	8 60
5-inch	500	1 85	13 40
6-inch	500	2 45	17 90

Not less than original crate at 1,000 rate

HOTKAPS
They Keep Plants Warm

Made of strong, weather-proof paper. Hotkaps are quickly placed in position over newly sown seeds, or newly transplanted seedlings, by means of a "Setter," and they are fixed by drawing a little soil around the edge.

They insure against damage by late spring frosts; they protect against wind, rain, and hail; they guard against insects. By the use of Hotkaps, crops may be matured sooner and an early market secured.

Protect tomato plants, pepper and eggplants with Hotkaps. Corn may be sown earlier and will yield sooner with their help. Cucumbers, muskmelons, pumpkins, and squashes grow quickly and are shielded from borers.

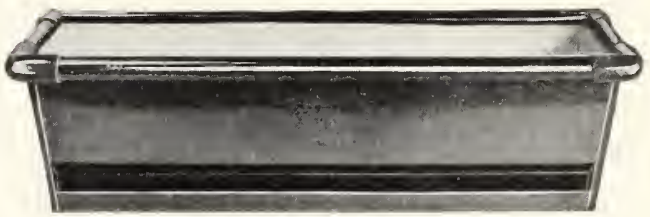
Prices, $1.35 per 100, $5.75 for 500, $10.50 per 1,000. Steel setter for placing Hotkaps, $2.50; Garden Setter (made of papier-mache), 50 cts.

Galvanized Iron Flower Vases

Painted Green (Waterproof)

	Height	Top Diam.	Each	Doz.
No. 1.	10 in.	4¾ in.	$0 65	$6 50
No. 2.	12 in.	6½ in.	80	8 00
No. 33.	13½ in.	6½ in.	1 00	10 00
No. 22.	15 in.	6½ in.	1 15	11 50
No. 11.	17 in.	6½ in.	1 35	13 50

S. & W. Co.'s Irrigating Flower-Boxes



Strongly made of water-tight galvanized steel attractively finished with a baked-on enamel in dark green. A most satisfactory device for growing plants.

Length	Width	Depth	Each
24 in.	8½ in.	6¼ in.	$1 50
30 in.	8½ in.	6¼ in.	2 00
36 in.	8½ in.	6¼ in.	2 75
42 in.	8½ in.	6¼ in.	3 50
48 in.	8½ in.	6¼ in.	4 00

Flower-Pot Covers

Made with green waterproof paper. Sizes to fit 4-, 5- and 6-inch standard clay pots only.

	Doz.	100
4-inch	$0 40	$2 70
5-inch	50	3 35
6-inch	60	3 80

Sowrite Seed-Sower

Sows Seeds at a Touch

It scatters seeds individually and prevents crowding and choking of the seedlings when coming up. Small size, for fine seeds, 90 cts. each. Large size, for larger seeds, 40 cts. each.

Flower-Pot Saucers (Waterproof). **Fibre Ware.** Not readily broken. Order saucers 2 inches larger than bottom diam. of pot.

Inside Diam.	Each	Doz.	Inside Diam.	Each	Doz.
4½ in.	$0 40	$4 00	7¼ in.	$0 55	$5 50
5½ in.	50	5 00	8½ in.	60	6 00

Fibreware Vases. (Waterproof.)

	Depth	Diam.	Each	Doz.
No. 1.	10 in.	6 in.	$1 50	$15 00
No. 11.	18 in.	6 in.	2 60	26 00
No. 22.	15 in.	4½ in.	2 25	22 50
No. 33.	12 in.	4¾ in.	1 60	16 00
No. 44.	8¾ in.	3½ in.	1 10	11 00

Flower-Pot Brackets. Made of steel, artistic in design, finished in black. Saucers are absolutely secured by spring clasp. Each

No. 1A. Length of arm 8 in. Clasp will hold 5-in. pot.....$0 55
No. 2A. Length of arm 10 in. Clasp will hold 6-in. pot..... 65
No. 3A. Length of arm 12 in. Clasp will hold 7-in. pot..... 80

Flower-Pot Handles and Hangers, Krick's Perfect Doz.

No. 1. Will fit from 3½- to 5-in. pots.....$0 50
No. 2. Will fit from 5- to 8-in. pots..... 55
No. 3. Will fit from 8- to 12-in. pots..... 65

Forks, Gem. Used for weeding or general garden use. 10-in. 50 cts.

Spading. 4-tine, D-handle, best material, $2 each; 5-tine, D-handle, best material, $2.35 each.

Shovels, Ames' Long and D-Handles. Long-strapped, round, or square, $2.50.

S. & W. Co.'s, Pointed and Square, $1.50.

Spades, Ames' Long and D-Handles. $2.50.

Grafting Wax, Trowbridge. ¼lb. 20 cts., doz. $2; ½lb. 35 cts., doz. $3.50; lb. 65 cts., doz. $6.50.

Hoes, Draw or **Garden.** Extra-quality cast steel, oil tempered, polished blade. 5-inch blade, 75 cts. each, $8.25 per doz.; 6- and 7-inch blade, $1 each, $10.50 per doz.

Acme. Very popular tool for gardeners and florists, for drilling, cultivating, and weeding. Double prong, 6½-inch blade, $1. Single prong, 90 cts.

Garden Line. Best braided linen. 100 ft. $1.60.

Garden Reel. Cast-iron, painted black. $1.05.

Garden Reel, Eureka. This is a superior Garden Reel, made of malleable and wrought-iron, well galvanized; it is very durable.
Single, two arms, 500-ft. size.....$3 25
Double, four arms, 1,000-ft. size..... 4 00

Glazing Materials

Permanite. A glazing compound composed of asbestos fiber and special long-life, weather-resisting, non-drying oils which always keep it in an elastic condition and never allow it to harden. Little needs to be said about the addition of asbestos as the advantage of using this material—its indestructibility and ability to resist heat and cold are too well known. Gal. $2.50; 5 gals., $2.40 per gal.; 15 gals., $2.25 per gal.; 35 gals., $2.10 per gal.; 60 gals., $2 per gal.

Permanite Gun. Makes application of Permanite easy. $7.50 each.

Mastica. A very excellent material for cementing cracks or seams in roof-joints and frames of greenhouses, sash, etc. Easy to apply and not the least bit affected by climatic conditions. Gal. $2.50, 5 gals. $12.

Mastica Gun. For applying above. Very practical and easy to operate. $3 each.

Putty Bulb, Scollay. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. $1.35 each.

Glazing Points, Van Reyper's. No rights or lefts. No. 2. Large single-thick glass, or for double-thick, for greenhouses and skylights. Box of 1,000, 65 cts.; in lots of 5,000, $3. Pinchers or pliers for same, 65 cts.

Red Devil Glass Cutter. 45 cts. each.

Putty Knife. No. 100. A very good tool. 40 cts. each.

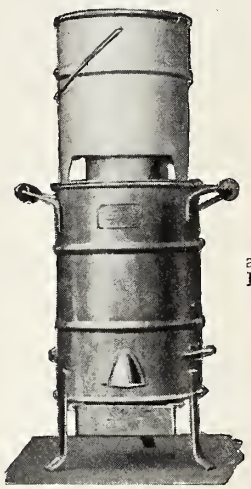
Fertilize with OCO

The Reinau process, that is, fertilizing in the greenhouse by means of Carbon Dioxide Gas, which was recently introduced into the United States, is simple, effective, and produces startling results in increased yields and early maturity.

In tests of the process, increased yields such as the following have been obtained by gassing with OCO:

	Increases per cent
Calendulas	55
Snapdragons	73
Cucumbers	90
Tomatoes	175

MODEL N. OCO STOVES
See illustration
$20 each



OCO BRIQUETTES
Per case (100 lbs.; approximately 800 Briquettes), $10.

All that is necessary in this simple process is an OCO Stove and the special OCO Briquettes, which are pure Carbon Dioxide. When these Briquettes are burned in the OCO Stove, they produce Carbon Dioxide Gas, which is immediately absorbed by the plant-leaf and transformed into plant-food. Carbon Dioxide Gas produced by the Reinau process is absolutely harmless to human beings.

SUPERIOR HAND DUSTER

Easy to work. Can be regulated to give a light or heavy application of the various dusts in a steady-flowing stream. 30-inch extension with spreader. Capacity from 2 to 4 pounds, depending upon density of material. Excellent for dusting hill crops or under side of foliage. $6 each.

VAPORIZERS

Vaporizing Lamp, Defiance. Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of nicotine preparations. 65 cts. each.

X-L-All Vaporizing Lamp. A Lamp specially designed for vaporizing of X-L-All Compound. Small size, $1.35 each; larger size, $1.60 each.

EUREKA FUMIGATOR

	Each
No. 1. Holds ½peck stems.	$5 50
No. 2. Holds 1 peck stems.	6 75
No. 3. Holds ½bushel stems.	8 25
No. 4. Holds 1 bushel stems.	9 50

Garden or Greenhouse Hose

The rubber Hose we offer is all made of the best rubber and will outlast cheap Hose ten times over. We guarantee all Hose and will replace same if returned within reasonable time, in season, and found to have any defects, the fault of the manufacturer. But it is necessary to advise us without delay.

Electric. Three-ply, non-kinkable, molded Hose. The strength and durability of this Hose places it with the very best grade of Hose manufactured.

Standard lengths, ¾-inch bore, 25 ft., $4.75; 50 ft., $9.
Standard lengths, ½-inch bore, 25 ft., $4.25; 50 ft., $8.
Other lengths, ¾-inch bore, cut and coupled, 19 cts. per ft.
Other lengths, ½-inch bore, cut and coupled, 17 cts. per ft.

S. & W. Co.'s Special Brand, "Wayahead." Surpasses all the other cheaper grades of Hose. Its durability is not excelled by much of the higher-priced Hose. Standard lengths, ¾-inch bore, 25 ft., $3.25; 50 ft., $6; 100 ft., $11.50.

HOSE NOZZLES

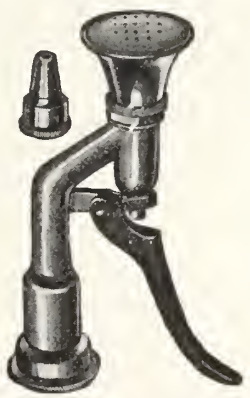
Stott's. A Nozzle that has become a favorite among rose-growers, etc., for exterminating red-spider. Splendid Nozzle for reaching under the foliage; gives a very fine, misty spray. Stott's Single, $1.50; double, $2.60.

Justrite Spray. A very popular adjustable Nozzle. It gives a copious spray or a well-defined, full stream. Has a positive shut-off, by turning the barrel of the Nozzle. 45 cts.

Bordeaux Spray Nozzle. A good Nozzle for whitewash and all heavy spray materials. 90 cts.

Aquamatic Nozzle. Screws on to any lawn hose connection. The latest and best in garden hose Nozzles. Fits any ¾-inch garden hose connection. Gives a solid stream or spray. Has a positive automatic shut-off. Practical and durable in every way. $2.25.

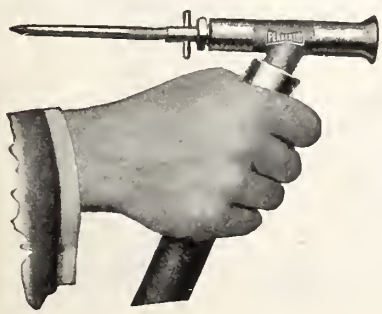
Hose Couplings. Regular. ½-inch, 10 cts. each, 90 cts. per doz.; ¾-inch, 15 cts. each, $1.35 per doz.



HOSE MENDERS

Cooper's Brass. ½-inch, 10 cts. each, 90 cts. per doz.; ¾-inch, 15 cts. each, $1.35 per doz.

Perfect Clincher. ½- or ¾-inch, 15 cts. each, $1.35 per doz.



WATER-GUN

The Water-Gun is the most convenient article of its kind ever offered and as a nozzle is much more adaptable than the old style.

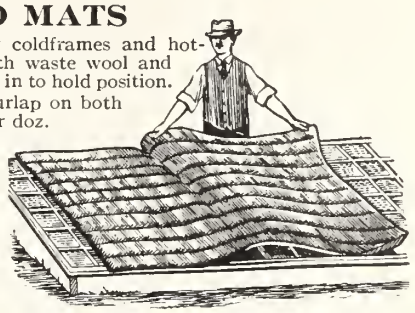
As a sprinkler you can do things with it no one ever thought of trying before. Just stick the spike in the ground; put in at any angle. Price, $1.35 each.

HOTBED MATS

Burlap for protecting coldframes and hotbeds. Warmly lined with waste wool and cotton, which are quilted in to hold position.

No. 1. 40 x 76 in. Burlap on both sides, $2.25 each, $25 per doz.

No. 2. 76 x 76 in. Burlap on both sides, $3.25 each, $36 per doz.



Sawco Waterproof Burlap Hotbed Mats (Repellent to rats and mice). 40x78in., $2.15 each, $21.25 per doz.; 78 x 80 in., $4.25 each, $42.50 per doz.

Knives, Turf-Edging, Budding and Pruning

Solid Welded-Steel Edging. Without handle; made of the very best steel; imported English. 8-inch, $2.25; 9-inch, $2.75. Each

Planet Jr. Disc edgers, solid steel, with a polished handle...$1 40

Pruning—
No. 1, cocoa handle, 1 blade..... 1 25
No. 3, stag handle, 2 blades..... 2 35
No. 5, cocoa handle, 2 blades..... 2 80

Budding—
No. A, ivory handle, 2 blades..... 3 00
No. B, bone handle, S. & W., 1 blade..... 1 75
No. C, bone handle, S & W., 2 blades..... 2 25

KUNDE—
Budding and Pruning Knife. Two blades, brass lined, polished wooden handle..... 2 60
Budding Knife. One blade, brass lined, polished wooden handle..... 1 70

Labels, Pot, Garden and Tree

	Per 100	Per 500	Per 1,000 Painted
Pot Labels—Wooden.			
4-inch	$0 25	$1 15	$2 00
4½-inch	30	1 25	2 20
5-inch	35	1 40	2 40
6-inch	40	1 65	2 90
8-inch	1 00	4 00	7 25
10-inch	1 25	5 00	9 50
12-inch	1 40	6 00	11 50
Tree Labels—			
3½-inch, copper-wired	35	1 50	2 75

Mole Trap—
The Rittenhouse. 90 cts. each.

Leaf Mold. An essential ingredient in potting soil. 100-lb. box $3.75, 5 boxes $15.

Moss, Dry Sphagnum. 5-bbl. bale, $3.50.
Sheet, Natural Green. For covering soil in pot-plants. Bag, 10 lbs., $3.50.

Paper. (Prices subject to change.)
Florists' Wax. 24 x 36 in., $2.75 per ream.
Florists' Tissue. 24 x 36 in., $2.15 per ream.
Florists' Manila. 24 x 36 in., $3.85 per ream.

Peat— Bbl.
Orchid.....$4 00
Rotted Fibrous..... 2 50

Pencils, Indelible, X-L-All. 15 cts. each.

Indelible Ink. 40 cts. per bottle.

Post-Hole Digger. Samson $5.25.

Post-Hole Augers. 6-in., $2.10; 8-in., $2.40.

Pruners, Waters' Tree. Best pruner on the market. 6 ft., $1.75; 8 ft., $2; 10 ft., $2.25; 12 ft., $2.50. Extra blades, 25 cts. each.

Raffia. Natural; extra strong; for tying. Lb. 35 cts., 5 lbs. $1.75; 100 lbs. at 30 cts. per lb., bale (220 lbs.) at 25 cts. per lb.

Saws, Pruning—
Double Edge. Has fine teeth on one edge and "lightning" teeth on the other. 16-inch, $1.35; 18-inch, $1.60.
Single Edge. 18-inch, $1.45; 20-inch, $1.60.

Scythes. Imported English, riveted back. Medium (32-in.) $2.75; Large Medium (34-in.) $3; Large (36-in.) $3.25.
Domestic. Solid steel. Medium (32-in.) $2.10; Large (36-in.) $2.35.
Snath or **Handle.** Patent. Best quality. $2.25.
Stones. English. 30 cts. each, $3.25 per doz.

Scissors, Grape-thinning, $1.75; **Flower-gathering,** $2.50.

Seeder, Cahoon. Improved broadcast seed-sower. Will sow all kinds of grass and grain seed, from 4 to 8 acres an hour, at a common walking gait. $4.60.

Shears, Pruning, S. & W. Co.'s Solid Steel. Made for long service; easily adjusted. 8-in., $2.50; 9-in., $2.75; 10-in., $3.

Pruning, Sawco. $1.30 each, $15 per doz.

Pruning, French. Made in two sizes. 8-in., $1.90; 9-in., $2.40.

Pruning, Kunde Shears. Double action; can be used for light and heavy pruning. $4.25.

Pruning, Wiss. Solid steel. 9-in., $3; 10-in., $3.40.

Pruning, Lady's Nickel-plated. 5½-in., $2.25.

Pruning, California. Steel blades, malleable handles. 90 cts.

Branch or Lopping. No. 3, 28-in., $4.75; No. 4, 32-in., $5.50.

Grass. Solid steel. 6-in. blade, $1.25.

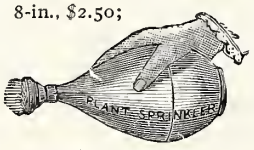
Grass, Imported English. Best procurable. 6½-in., bent, $2.10.

Border and Grass-edging. 9-in. blades, with wheel, $5.25; without wheel, $4.75.

Lawn. 9-in. blades, with wheel, $5.75.

Hedge. Imported, English, plain blade. 8-in., $2.50; 9-in., $2.80; 10-in., $3; 8-in., notched, $2.80; 9-in., notched, $3; 10-in., notched, $3.25.

Silkaline. See Twines.



Scollay Sprinkler

Sprinklers, Scollay

An excellent Sprinkler for plants and cut-flowers. $1.25 each.

Plant Stakes, Light. Painted green.

	Doz.	100		Doz.	100
1½-ft.	$0 30	$1 90	3-ft.	$1 00	$6 25
2-ft.	50	3 50	3½-ft.	1 25	8 00
2½-ft.	70	4 75	4-ft.	1 35	9 50
			5-ft.	1 80	12 50

Dahlia Poles, Heavy. Tapering.

	Doz.	100			
3-ft.	$1 55	$9 75	4-ft.	2 00	13 25
3½-ft.	1 85	11 50	5-ft.	2 50	16 75
			6-ft.	3 15	20 85

Japanese Plant Stakes (natural)—
Bamboo canes, light, durable, and can be used three or four years, as they do not rot.

		100	1,000
6-ft.	Bale (2,000), $12	$1 75	$8 00
8-ft.		2 50	18 00
10-ft.		3 50	20 00
20-ft.		35 00	280 00

Japanese Plant Stakes (dyed green)—

	100	1,000	Bale, 2,000		100	1,000	Bale, 2,000
2-ft.	$0 75	$2 75	$4 00	3½-ft.	$1 30	$5 75	$7 50
2½-ft.	90	3 75	5 25	4-ft.	1 40	6 75	8 50
3-ft.	1 10	4 75	6 50	5-ft.	1 70	7 75	9 75
				6-ft.	2 00	8 25	13 50

Chinese Tonkin Canes. Very strong and heavy. 2-, 3-, and 4-ft., ¼- to ½-in. diam.; 5-, 6-, and 7-ft., ¾-in. diameter.

	100	1,000		100	1,000
2-ft.	$1 00	$6 75	5-ft.	$3 50	$24 50
3-ft.	1 50	7 50	6-ft.	4 00	27 75
4-ft.	2 50	13 25	7-ft.	5 00	35 00

S. & W. Special Dahlia Poles—
Solid ash ¾in. non-tapering and painted green.

	Doz.	100		Doz.	100
5 ft.	$1 75	$10 00	6 ft.	$2 25	$12 00

Square Maple Stakes—
These Stakes are very even and used extensively for staking lilies and other plants.

	1,000		1,000
24-in.	$4 00	36-in.	$7 00
27-in.	4 50		

Stakes—

	500	1,000
Hyacinth, painted, 12-in.	$1 50	$2 25
Hyacinth, painted, 18-in.	2 00	3 25

For tying up hyacinths, tulips, fuchsias, and all small pot-plants.

Galvanized Wire Stakes.

	100	1,000		100	1,000
3-ft.	$2 25	$15 00	4-ft.	$2 75	$19 00
3½-ft.	2 50	17 00	4½-ft.	3 00	22 00
			5-ft.	3 25	25 00

Tinfoil. Plain, 5 inches wide. Lb. 25 cts.

Violet. Lb. 45 cts.

Tomato Supports, Wire. 32 inches high, 14 inches in diameter, made of heavy steel wire. 40 cts. each, $4 per doz., $28 per 100.

Tomato Supports, Perfection. Made of wood; collapsible for storage. 36 in. high, 12 in. wide. 35 cts. each, $3.50 per doz.

Torch, Asbestos. 50 cts. each, $5 per doz.

Tree Pruners, Waters'—

	Each		Each
6 ft. long	$1 75	10 ft. long	$2 25
8 ft. long	2 00	12 ft. long	2 50
		Extra blades	25

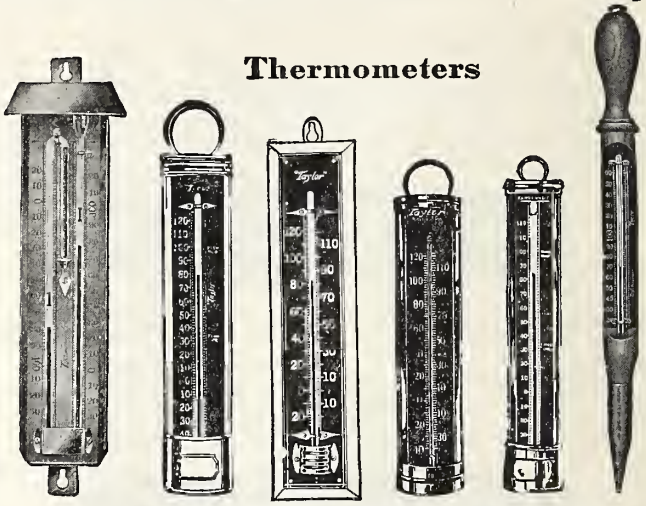
Telegraph Pruner, $1.50. With handle 2 00

Trowel, Forged Steel. Hand-forged. 6-in., 65 cts.; 7-in., 75 cts.

Slim Jim. Excellent for transplanting. 5-in., 15 cts.; 7-in., 25 cts.

Steel Florists'. Cheap, light, and useful. 40 cts. each, $4 per doz.

Thermometers



5452 5400 5120 5154S 5420 5981

No. 5452, Self-Registering. (Siexe's Pattern.) Lacquered polished brass case, white figures. **Maximum and Minimum.** 10-in., $6. Magnet with each.

No. 5400. Black japanned heavy tin case; brass scale, white figures. (Mercury.) Scale range, 10 to 40 degrees below zero to 120 above. **Standard Grade.** 8-in., $1.50; 10-in., $1.70.

No. 5420. Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit.) 8-in., 90c.; 10-in., $1.10.

No. 5154S. Coppered tin case; distance reading. Black oxidized brass scale, white figures. (Spirit.) Scale range, 120 degrees above to 40 degrees below zero. 8-in., 75 cts.

No. 5120. Distance reading. Wood-back Mission finish, brass scale, white figures and graduations. (Spirit.) Easy to read at a distance. 8-in., $1.10.

No. 5981, Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Mercury-filled bulb chamber giving good contact. Best grade, $2.65.

Twines

Prices subject to market changes

S. & W. Co.'s Smilax Thread. This Thread is very strong, green in color, and warranted not to fade. Best Thread on the market. Spool 30 cts., lb. $2.10, box of 3 lbs. $5.75.

Silkaline. Very largely used for tying. Three sizes, F, FF, and FFF. Spool 35 cts., box of 8 spools $2.60.

Bouquet Twine. White. Lb. (6 balls) 85 cts., 5-lb. truss $4.

Sea Island Cotton. Green. Ball 20 cts., lb. $1.30.

Twine, Soft. For tying vines, etc.; very strong. 2 and 3-ply. Ball (½lb.) 20 cts., 3 balls 50 cts., 12 balls (6 lbs.) $2.

Tarred Yarn. Ball (1 lb.) 45 cts., 5 balls $2.

Wire, Bouquet, Florists' Annealed. Nos. 22 and 24. In coils of 12 lbs., $2.50 per coil.

Florists' Bright. Cut in lengths. In boxes of 12 lbs. (one stone). 12 in. and 18 in. long. No. 22, $2.25; No. 24, $2.50.

Watering Pots

Heavy galvanized iron reinforced; made good and substantial. Each pot has a long spout with one fine and one coarse rose.

Round Pattern.

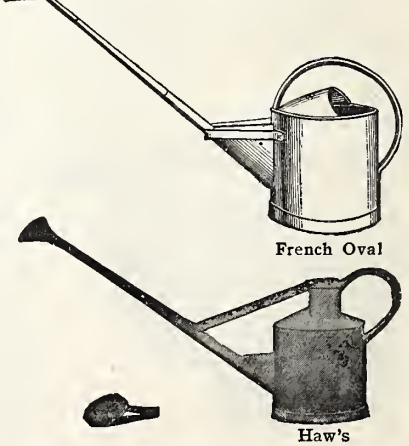
6-quart	$4 00
8-quart	4 50
10-quart	4 75
12-quart	5 25

French Oval Pattern.

6-quart	$4 75
8-quart	5 00
10-quart	5 50
12-quart	6 00

Haw's Pattern.

Ladies', 2-quart.	4 25
No. 1, 3-quart.	5 25
No. 2, 4-quart.	5 75
No. 3, 6-quart.	6 50
No. 4, 8-quart.	7 00


French Oval

Haw's

Sprayers for Applying Insecticides and Fungicides

Prices subject to market change

Super Auto-Spray

Made of extra-heavy metal to hold up under a pressure of 90 pounds. The pump is of small bore, so that this pressure can be pumped with little exertion. It is double riveted and specially soldered and tested carefully. Four-gallon capacity, extra-high pressure, extra strength, and beautiful appearance make it a super Auto-Spray.

Tank made of galvanized steel or brass. High-grade hose. Heavy self-contained pump, all brass. Nipple connections, nozzle, etc., turned from solid brass rod with full threads. Castings for handle, etc., all malleable. A few strokes of plunger compress enough air to cover a quarter-acre of potatoes or similar crop. Extension pipes useful for spraying tall trees.

Auto-Spray No. 9B. Brass Tank with Auto-Pop Nozzle and one 2-foot Extension Rod. $9 each.

Auto-Spray No. 9D. Galvanized Tank with Auto-Pop Nozzle and one 2-foot Extension Rod. $6.25 each.

Auto-Spray No. 50B. Brass Tank and Auto-Pop Nozzle. $7.65 each.

Auto-Spray No. 50D. Galvanized Tank and Auto-Pop Nozzle. $5.10 each.

This is similar to the No. 9 Auto-Spray, but holds 2½ gallons only.

S. & W. Bucket Spray Pump

The S. & W. Spray Pump is a saving in the cost of small hand Sprayers. It is a quality Sprayer. This Pump is made of heavy seamless brass tubing, with a large brass air-chamber; it has brass ball valves; is double-acting and will produce a continuous Spray or stream. A bordeaux nozzle, with 3 feet of ¼-inch spray hose, is furnished. The nozzle can be regulated to throw a very fine, medium, or coarse spray. We recommend this Sprayer as the best cheap hand Sprayer for applying whitewash, cold-water paint and disinfectants. When ordering Sprayer to be sent by parcel post, allow for 10 lbs., the packed weight of Sprayer. $5.75.

Extra ½-inch hose, five-ply, of good quality, is furnished at 25 cts. per foot.

Extra couplings, 60 cts. per set.

Solid Brass Syringes

No. 10. Barrel 18 in. long, diameter 1½ inches. One coarse and one fine spray rose and one stream jet, with patent valves and elbow joint for sprinkling under the foliage.....$7 75

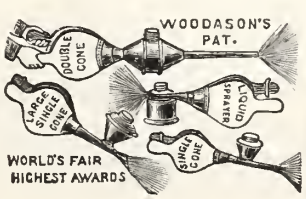
No. H. Sheet-Brass Syringe with fixed spray rose. Barrel 16 inches long, diam. 1½ inches..... 3 75

No. A. Barrel 12 inches long, diam. 1 inch. One spray rose and one jet..... 3 00

Bellows, Woodason's

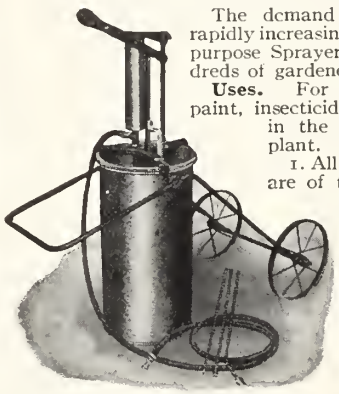
Powder, small size.....$3 00
Large size..... 4 25
Liquid, small size..... 3 75
Large size..... 4 25

Double-Cone Powder Bellows. For dusting plants with dry powder for insects and fungi. $6.50.



S. & W. Co.'s Paragon Sprayer No. 3

COMPLETE OUTFIT—CAPACITY 12 GALLONS



The demand for this portable Sprayer is rapidly increasing. The efficiency of this general-purpose Sprayer is finding favor among hundreds of gardeners, florists, and poultrymen.

Uses. For handling whitewash, cold-water paint, insecticides, fungicides, and all solutions in the garden, greenhouse, or poultry plant.

1. All the valves used in the Paragon are of the latest approved self-seating type and are made of solid brass.

2. The air chamber is of all brass and of sufficient capacity to insure a steady spray of high pressure when the pump is operated at a moderate speed.

3. The pump cylinder is cast of special metal, is accurately machined, and will outwear several ordinary pump cylinders.

4. The Paragon agitator is of galvanized iron, positive in action, keeping the solution thoroughly mixed.

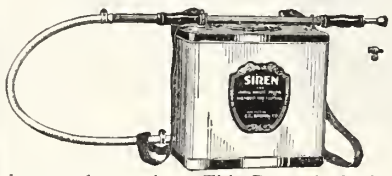
5. The circular strainer on the end of the suction pipe contains 16 square inches of strainer surface and is automatically cleaned by the all-metal agitator at each stroke of the Pump. This combination insures the non-clogging of the Paragon, and is the greatest improvement made in Spray Pumps.

Equipment.—10 feet Special Spray Hose; 7½ feet Extension Pipe; 1 Mist Nozzle; 1 Steel Cap; 1 Straight Spray.

Galvanized tank, capacity 12 gallons, with truck, 16-inch wheel. Shipping weight, with truck, crated, 60 lbs. $19.50.

Double-Acting Pump Sprayer and Knapsack Tank

THE SAME SPRAY WITH HALF THE LABOR



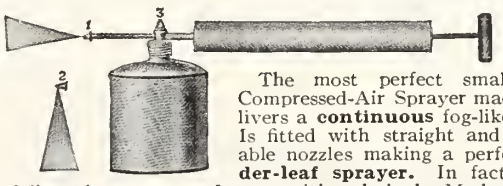
Pump.—This Pump is the ideal all-purpose sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes, and any field crops. Made entirely of brass, doing away with all danger of corrosion. This Pump is double-acting, which gives a continuous spray, a distinct advantage over single-acting Pumps in that *the pump works on both the up and the down stroke.*

Knapsack Tank.—Where a portable tank for field or garden work is needed, we recommend our patrons purchasing the Knapsack Tank as well as the Pump.

OUTFITS AND EQUIPMENT

Double-acting pump, with 2½ feet of ½-inch suction hose, nozzle, and strainer complete.....$4 25
Knapsack, galvanized-iron tank, for field or garden work..... 3 00

S. & W. Co.'s Compressed-Air Sprayer



The most perfect small hand Compressed-Air Sprayer made. Delivers a **continuous** fog-like spray. Is fitted with straight and adjustable nozzles making a perfect **under-leaf sprayer.** In fact, spray can be delivered at **any angle** or position desired. Made in solid sheet brass, highly polished, galvanized, and all tin. Holds 1 quart. Weight 2 lbs.

	Each	Doz.
All Tin.....	$0 75	$7 50
Galvanized.....	1 10	11 00
Brass.....	1 90	19 00

BARCLAY PLANT TUBS

The Most Moderate-Priced Tubs for the Florist

Many plants, large and small, are more attractive, more easily handled and bring better prices when planted in tubs instead of pots. Our Barclay Tubs have been made to compete in price with the very lowest-priced tubs on the market.

The tubs have strong, welded hoops, except the bottom hoop, which is flat; and are very durable. Unlike pots, they do not break, and plants do not require special packing when shipped.

The tubs are made of choice, well-seasoned white cedar, painted green on the outside, and finished with a round bevel.

No.	Inside top Diameter	Inside Depth	Each	Doz.
2	7 in.	7 in.	$0 60	$6 60
3	8 in.	8 in.	65	7 20
4	9 in.	9 in.	70	7 70
5	10 in.	9 in.	80	8 80
6	11 in.	10 in.	1 00	11 00
7	12 in.	11 in.	1 25	13 80
8	13 in.	12 in.	1 60	17 60
9	14 in.	13 in.	2 25	24 70
10	15 in.	14 in.	2 60	28 60

None of these Tubs are equipped with handles at the above prices. If stamped steel handles are wanted, add 60 cents to the price of each Tub in single or dozen lots. These handles are not sold attached to the Tub. For requirements in excess of twelve of any one size, send for special prices.

NEW YORK CEDAR TUB

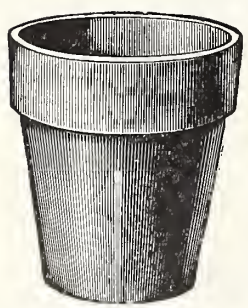
SPECIAL OFFER. **If any grower would like a sample line of these Tubs, we will ship, freight paid, to any station east of the Mississippi River, a complete set of 9 Tubs for $10. If the Tubs are not satisfactory, they can be returned and your money will be refunded.**

NEW YORK CEDAR TUBS

These Tubs are made of the very choicest, seasoned cedar, highly finished, with black hoops, handles, and legs, and will last twice as long as cypress Tubs. They are very strong and durable.

Inside measurements:			Each
No. 1,	12 inches in diameter,	10½ inches high	$2 25
No. 2,	13 inches in diameter,	13 inches high	3 00
No. 3,	14½ inches in diameter,	15 inches high	3 75
No. 3½,	16½ inches in diameter,	15¾ inches high	4 75
No. 4,	19½ inches in diameter,	17 inches high	5 25
No. 5,	22½ inches in diameter,	18½ inches high	6 50

EARTHEN FLOWER POTS, ETC.



FLOWER POT

Flower Pots

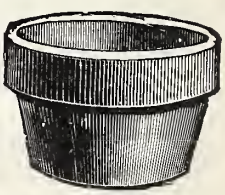
Height and Width inside	100	1,000
2-in.	$1 40	$11 25
2½-in.	1 65	15 00
3-in.	2 35	19 50
4-in.	3 60	30 00
5-in.	6 50	54 00
6-in.	9 00	81 00
7-in.	14 50	
8-in.	18 00	

Azalea Pots

	Doz.	100
6-in.	$1 40	$9 00
7-in.	2 25	13 50
8-in.	2 70	19 80
9-in.	4 50	36 00
10-in.	6 30	45 00
12-in.	11 25	82 50

Bulb Pans

	Doz.	100
6-in.	$1 40	$9 00
7-in.	2 25	13 50
8-in.	2 70	19 80
9-in.	4 50	36 00
10-in.	6 30	45 00
12-in.	11 25	82 50



BULB PAN

Flower-Pot Saucers

	Doz.	100
4-in.	$0 35	$2 70
5-in.	45	3 40
6-in.	65	5 00
7-in.	85	6 50
8-in.	1 25	9 50
9-in.	1 80	13 00

SAWCO SHEARS

Sawco Shears

For pruning. Specially recommended for florists and nurserymen, where the low price would warrant its purchase in half-dozen and dozen lots. American made, of the finest steel; sharp cutting and long wearing. $1.30 each, $15 per doz.

REMEDIES FOR INSECTS AND FUNGI

Ant Killer, Dolco. Powder, non-poisonous. Deadly to ants. Will not harm human beings or animal pets and livestock. Scientifically perfect, it acts slowly; many ants partake of it before they learn of its nature. Very effective for ridding lawns and shrubbery of ants; also pantry and refrigerator shelves, floors and other places where these insects appear. 3-oz. can 30 cts., $2.40 per doz.; lb. $1, $8 per doz.

Aphine. Effective against all soft-bodied and plant-sucking insects, such as green, black, and white fly, red spider, thrips, mealy bug, brown and white scale. An insecticide which can be used indoors and in the garden. An excellent cleanser for house plants. Qt. 90 cts., gal. $2.75.

Arsenate of Lead, Powder. Has all advantages of arsenate of lead paste, but goes twice as far, and is easier to handle. Dilute one pound to fifty gallons of water. ¼lb. 25 cts., doz. $2; lb. 50 cts., doz. $4; 5 lbs. $1.75, 10 lbs. $3.25, 25 lbs. $7, 100 lbs. $20.

Black-Leaf 40. A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Dilute one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. 1-oz. bottle 35 cts., box (24 bottles) $6; 5 ozs. $1, lb. $2.50, 2 lbs. $3.75, 5 lbs. $7, 10 lbs. $11.85.

Bordeaux Mixture, Dry Powder. The recognized fungicide for the control of most fungous diseases of fruits and ground crops. Dilute 4 to 4½ pounds to 50 gallons of water. ¼lb. 20 cts., doz. $1.80; lb. 35 cts., doz. $3; 5 lbs. $1.50, 10 lbs. $2.75, 25 lbs. $5.75, 50 lbs. $10, 100 lbs. $18.

Bordo-Lead, Dry Powder. Insecticide and fungicide consisting of arsenate of lead and bordeaux mixture in dry form. It has sufficient arsenate of lead to kill chewing insects and sufficient bordeaux mixture to control most fungous diseases, blight, rot, and mildew. ¼lb. 25 cts., doz. $2; lb. 50 cts., doz. $4.50; 5 lbs. $1.75, 10 lbs. $3.25, 25 lbs. $7, 100 lbs. $23.

Ceresan. A dust disinfectant for wheat, oats, barley, and other cereals. Lb. 75 cts., doz. $6; 5 lbs. $3, doz. $24; 25 lbs. $10, 100 lbs. $39.20.

Copper Solution, Ammoniated. For late sprayings, when fruits are nearing maturity, or plants in bloom, copper solutions are usually used. Qt. $1.25, gal. $4.

Cyanegg. Generates the deadly hydrocyanic acid gas, for killing the white fly. Lb. 60 cts., 5 lbs. $2.50.

Derrisol. A highly concentrated contact insecticide, non-poisonous and odorless. Does not stain. Very effective against aphids, red spider, thrips, green flies, and many other soft-bodied insects and leaf-eating larvæ. 1-oz. bottle 35 cts., box (24 bottles) $6; ½lb. $1.20, lb. $2, 2 lbs. $3, 10 lbs. $11.

Formaldehyde. An effective and widely known fungicide and germicide. Lb. bottle 45 cts., doz. $4.50.

Fungicide (Zenke's). A remarkably effective remedy for mildew, blights, and other fungous diseases. Pt. 50 cts., qt. 90 cts., ½gal. $1.50, gal. $2.75.

Hellebore, Powdered. Good for exterminating currant-worms. ½lb. 25 cts., doz. $2.50; lb. 50 cts., doz. $5; 5 lbs. $2.25.

Herbicide, Weed-Killer. For killing weeds of every kind on roadways, paths, gutters, tennis-courts, etc. Qt. 70 cts., doz. $7.20; gal. $2, doz. $20; 5-gal. keg $6.75, 10-gal. keg $11.25, 30-gal. cask $27, 50-gal. bbl. $42.

Hortex. A superior sulphur-arsenate-nicotine dust testing 2 per cent pure nicotine. This all-in-one mixture is used for the control of many fungous diseases, chewing insects, and sucking insects. Used as a dust it cannot be surpassed for general garden use. Lb. 50 cts., doz. $5; 5 lbs. $1.75, 10 lbs. $3.25.

Lemon Oil. Odorless and non-poisonous; one to thirty to fifty parts of water. Destroys mealy bug, scale, thrips, red spider, black and green fly, caterpillar, etc. Qt. 75 cts., gal. $2.50.

Lime-Sulphur, Bowker's Concentrated. One gallon makes ten gallons of spray; dilute with cold water. Qt. can, 50c., doz. $4.50; 1-gal. can $1, doz. $10; 5-gal. can $3. In barrels (50 gals.), $13.50.

MAG-O-TITE. Protects your crops against the ravages of the root maggot, earthworm and other pests. A 2-pound package will cover about 300 feet of drill, mixed with the soil at planting-time, with an occasional top dusting as a preventive during the growing period. 2 lbs. 30 cts., 4 lbs. 50 cts., 8 lbs. 80 cts.

Nico-Fume Paper. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Also used for tying near blooms of chrysanthemums in early fall to keep down insects. Box of 24 sheets $1.25, box of 144 sheets $4.75, box of 288 sheets $8.25.

Nico-Fume Liquid. This preparation is a free nicotine liquid, and is used by many of the leading growers. 1-lb. can $2, 4-lb. can (½gal.) $5.85, 8-lb. can (1 gal.) $10.85, 40-lb. drum $42.50.

Nico-Fume Powder. Tobacco powder impregnated with a high-strength nicotine solution. Effective for fumigating in greenhouses to destroy aphis, thrips, etc. 1-lb. tin $1, 5-lb. tin $3.50, 10-lb. tin $6.15.

Para-Dichlorobenzine. For peach borer. Lb. 65 cts., doz. $6.50; 5 lbs. $2.50, 10 lbs. $4.50.

Paris Green. ¼lb. 15 cts., doz. $1.50; ½lb. 30 cts., doz. $3; lb. 45 cts., doz. $4.50; 5 lbs. $2, 14 lbs. $5.

Pomo-Green. A leaf-green Kolodust containing arsenate of lead, Bentonite-sulphur and nicotine. A complete dust that will control black-spot, mildew, and external chewing and sucking insects on roses, also snapdragon rust, carnation rust, and mildews in general on flowers and shrubs. Lb. 50 cts., doz. $4.80; 5 lbs. $1.50, 25 lbs. $7.50. **With Nicotine,** lb. 75 cts., doz. $5.40; 5 lbs. $2.50.

Pyrox. **(Bowker's.)** The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles. Lb. 45 cts., doz. $4, 2 doz. $7.50; 5 lbs. $1.50, doz. $15; 10 lbs. $2.75, 25 lbs. $5.75, 50 lbs. $9.50, 100 lbs. $13.50. **With Nicotine,** 10 ozs. 50 cts., doz. $4.80; 40 ozs. $1.75, doz. $18; 10 lbs. $4.

Scalecide. Soluble vegetable oil. Used for the destruction of the San José scale. Dilute at the rate of one gallon to fifteen gallons of water. Trees may be sprayed in winter and early spring before they start to come to bud. Qt. 65 cts., gal. $1.35, 5 gals. $5.50, 10 gals. $9, 15 gals. $12, 30 gals. $21, 50 gals. $26.

Semesan. A Mercuric Disinfectant. As a remedy for the malignant grass disease called "brown patch," Semesan alone has been successful, spectacularly so, and is now used throughout the country. 2-oz. tin 50 cts., doz. $4; lb. $2.75, doz. $22; 5 lbs. $13, doz. $104; 25 lbs. $45, 100 lbs. $176.

Semesan Bel. The premier disinfectant for potatoes, bulbs, corn, roots and tubers. Can be used either as a dust or instantaneous dip. 4-oz. tin 50 cts., doz. $4; lb. $1.75, doz. $14; 5 lbs. $8, doz. $64; 25 lbs. $25, 100 lbs. $96.

Semesan Jr. A dust disinfectant for seed corn. 4-oz. tin 50 cts., doz. $4; lb. $1.75, doz. $14; 5 lbs. $8, doz. $64; 25 lbs. $25, 100 lbs. $96.

Slug-Shot. The standard remedy for currant-worms, rose-slugs, cabbage-worms. Lb. 25 cts., 12 1-lb. cans $2.40, 48 1-lb. cans $9; 5 lbs. 75 cts., doz. $6.50; 25 lbs. $3, 125-lb. keg $15.

Snarol. For control of cutworms, snails, slugs, etc. Non-injurious to vegetation and very economical to use because of its insolubility in water, thereby rendering it effective for one to three weeks. Lb. 30 cts., case of 36 for $7.20; 3 lbs. 75 cts., case of 24 for $15.20; 15 lbs. $2.75, 50-lb. bag $7.50.

Sofyne Soap. (*Liquid.*) An excellent spreader that increases the killing power of Black-Leaf 40, Red Arrow, and Ever Green. Will not clog spray-nozzle. 5-oz. bottle 20 cts., doz. $1.50; qt. 50 cts., doz. $3.50; gal. $1, 5 gals. $4, 10 gals. $7.50.

Sulphur. Used principally in greenhouses for checking mildew. Lbs., $2 per doz.; 5 lbs. 65 cts., 10 lbs. $1, 25 lbs. $2.25, 100 lbs. $7.50.

Tobacco Dust (Kilmdead). The best of the Tobacco Dusts for dusting or fumigating. Lb. package 25 cts., doz. $2.50, 100 $18; 10 lbs. 60 cts., 50 lbs. $2.75, 100 lbs. $5, 500 lbs. $22.50.

Tobacco Stems. Used for fumigating and under benches in greenhouses. Bale of 100 lbs. $3.75.

Tonacide. (*Powder.*) Non-poisonous; safe to use. Harmless to the most tender plants under the usual greenhouse growing conditions. Very effective for the positive control of greenhouse thrip, manure-worms, earthworms, rose-midge, and numerous other soil-pests. One pound will treat 40 square feet of bench surface. 5 lbs. $1, 25 lbs. $4, 50 lbs. $7.50, 100 lbs. $10, ton $200.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 50 cts., 5-lb. can $2.40, 10-lb. can $4.50, 25 lbs. $10.50.

Tree Wound Paint. Qt. 60 cts., gal. $1.75, 5 gals. $6.75.

Volck. A spray for scale insects, mealy bugs, white flies, red spider and similar insects. Can be used on tender plants with safety. Qt. 75 cts., doz. $7.80; gal. $2.25, doz. $25.20.

Whale-Oil Soap. Lb. 25 cts., doz. $2.40, 100 $18; 5 lbs. $1, 25 lbs. $4, 100 lbs. $13.

Wilson's O. K. Plant Spray. For roses, chrysanthemums, evergreens, and all plants affected with scale or insects, under glass or outside. **Recommended for rose bugs.** One part is mixed with from 10 to 20 parts of water. ½pt. 40 cts., doz. $4.25; qt. 90 cts., gal. $2.75, 5 gals. $11, ½bbl. $47.50, bbl. $82.50.

FERTILIZERS

Our list contains the very best and most modern kinds. We can quote special prices on carload quantities.

All prices subject to market changes

Sawco Bone Dust for General Use. Bone dust about pin-head size, with a fair percentage of bone flour. Excellent for top-dressing lawns as well as good for mixing with soil. Sold largely to carnation and rose-growers for top-dressing and soil mixing. 5 lbs. 40c., doz. $4; 10 lbs. 80c., doz. $7; 25 lbs. $1.50, 100 lbs. $4, 500 lbs. $15, ton (2,000 lbs.) $50.

Sawco Emerald Grass Fertilizer. A clean, portable, and convenient lawn dressing, which we have found to be never-failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall. It is in every way more desirable than manure. The use of Emerald Grass Fertilizer entirely does away with the old practice of top-dressing lawns with stable manure. It is best to apply during dull weather and, if applied during warm weather, soak down with a hose after applying. 5 lbs. 40 cts., doz. $4; 25 lbs. $1.50, 100 lbs. $4.50, 500 lbs. $18, ton (2,000 lbs.) $55.

Sawco General Garden Fertilizer. This Fertilizer is for general garden work for vegetables, flowers, and fruits. 10 lbs. sufficient for space 15 x 15 ft.; 500 lbs. to the acre. 5 lbs. 40 cts., doz. $4; 25 lbs. $1.50, 100 lbs. $4, 500 lbs. $17.50, 1,000 lbs. $32.50, ton (2,000 lbs.) $55.

Sawco Sheep Manure, Pure Pulverized. A pure, natural, nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable-garden it promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Quantity required: For garden and field-crops, one or two tons to the acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use one ton to the acre, applied in fall or early spring. 5 lbs. 40 cts., doz. $4; 10 lbs. 80 cts., doz. $7; 25 lbs. $1.25, 100 lbs. $4, 500 lbs. $15, ton (2,000 lbs.) $50.

GENERAL LIST OF FERTILIZERS

ADCO. A culture of bacteria associated with the breaking down of organic materials. Add it to garden rubbish, leaves, and grass clippings to hasten decay and quickly produce manure. 25 lbs. $1.75, 150-lb. bag $9.

ALUMINUM SULPHATE. Makes soil acid, and for this purpose is much used in the culture of rhododendrons and similar plants. 5 lbs. 60 cts., 25 lbs. $1.75, 100 lbs. $6.

ASHES, CANADA HARDWOOD. Quantity required: Apply one to two tons to the acre, as one heavy application will help much more than the same quantity would applied in fractions. Apply in early spring or late fall. Barrels of about 200 lbs., $4; ton in barrels, $35; in carload lots, $28 per ton, f.o.b. plant.

BLOOD. (Dried.) Excellent for indoor culture of flowering plants, such as carnations, roses, etc. Its chief element is nitrogen. 100 lbs. $5, 500 lbs. $23.75, ton (2,000 lbs.) $80.

CHARCOAL. Sweetens and lightens sour and heavy soils; helps to dry out wet land; retains moisture; prevents fungus; and imparts warmth. Ideal material for mixing with soil in hotbeds and pots. No. 1, Powdered; No. 2, Medium; No. 3, Lumps, 3 to 4 inches. Any size, per bag of 50 lbs. $2.25, 100 lbs. $4, 1,000 lbs. $32, 2,000 lbs. $60.

CLAY'S FERTILIZER. Has a splendid reputation for flowers, vegetables, and fruits. Generations of gardeners have used it for exhibition purposes. 7 lbs. $1.25; ⅛cwt. (14 lbs.) $1.75; ¼cwt. (28 lbs.) $3.25; ½cwt. (56 lbs.) $6; 1 cwt. (112 lbs.) $11.

COW or CATTLE MANURE, Shredded. One sack of this is equal to one cartload of fresh cow manure; is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. 100 lbs. $4, 500 lbs. $15, 1,000 lbs. $28, ton $55.

Floranid. A highly concentrated organic nitrogen fertilizer. Floranid is the most highly concentrated nitrogen fertilizer, containing 46 per cent available nitrogen (equivalent to 55½ per cent ammonia). No other fertilizing material contains anything like as high a percentage. Nitrogen is one of the principal constituents of plant-food. It is the one that is first to affect the plants, producing quick and vigorous growth. Nearly all soils are deficient in nitrogen. Floranid is a powerful plant-builder and plant-food. Vegetables and berries, when fertilized with Floranid, will be more abundant and of better size, color, and flavor. Flowers will be richer in color, larger, more prolific and more fragrant. Lb. 25 cts., doz. $2.50; 5 lbs. 90 cts., doz. $7.50; 10 lbs. $1.50, doz. $12; 25 lbs. $2.75, 50 lbs. $4.75, 100 lbs. $9.

HUMUS. Nature's product for enriching lawns, soil for all kinds of gardening, and for stimulating potted plants. Used in making fine lawns, especially where soil is poor. 100-lb. bags, in lots of four bags, $6; 20 bags (ton) $25, f.o.b. plant. Carload in bulk (about 30 tons) $10 per ton, f.o.b. plant.

LIME, Agricultural, Hydrated. This Lime is specially prepared for use on the soil and is a combination of calcium-hydrate and calcium-carbonate, finely pulverized. Quantity required: Heavy soils, 2,000 to 6,000 lbs. to the acre; light, sandy soils, 1,000 to 3,000 lbs. to the acre, according to their apparent need. 5 lbs. 30 cts., doz. $2.50; 25 lbs. $1.25, 100-lb. bag $2, 500 lbs. $8.75, ton (2,000 lbs.) $30. Price, delivered in carload lots to your station, upon request.

MURIATE OF POTASH. 150 lbs. per acre. Potatoes and root crops. 5 lbs. 60 cts., 10 lbs. $1, 25 lbs. $1.75, 100 lbs. $5.50, 500 lbs. $22, ton (2,000 lbs.) $85.

NITRATE OF SODA. Quantity required: Being extremely soluble, it is usually applied after the plants are above ground, 100 to 500 lbs. to the acre. 1-lb. tin 25 cts., doz. $2; 5 lbs. 60 cts., 10 lbs. $1, 25 lbs. $2, 100 lbs. $5.50.

NITROPHOSKA. A concentrated complete fertilizer, almost entirely soluble in water and completely available. It contains 15 per cent nitrogen, 30 per cent phosphoric acid, and 15 per cent potash. Nitrophoska contains plant-food in its purest form, and is recommended to the growers who must have high-quality crops in their houses. Lb. 25 cts., doz. $2.50; 5 lbs. 90 cts., doz. $7.50; 10 lbs. $1.50, doz. $12; 25 lbs. $2.75, 50 lbs. $4.75, 100 lbs. $8.

PULVERIZED POULTRY MANURE. An excellent fertilizer, rich in plant-food, for all garden crops, flowers, and lawns. Dig in 3 to 16 ounces per square yard, or ½ to 2½ tons to the acre. Mix freely with soil or sand when applying to lawns and then use only very little. 100 lbs. $4, 500 lbs. $15, ton $55.

SALT. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. to the acre in early spring. 25 lbs. 85 cts., 100 lbs. $2, 200 lbs. $3.75, ton (2,000 lbs.) $27.

SCOTCH SOOT. Genuine imported. For stimulating a healthy growth of dark green foliage, and it will free the soil of slugs, grubs and cutworms. 112-lb. bag $5, 5 bags $22, 20 bags $70.

STIMUPLANT. Fertilizer in tablets. These may be placed in the soil around plants, in flower-pots, or dissolved in water for a liquid fertilizer. 30-tablet size 25 cts., doz. $2; 100 tablets 75 cts., doz. $6; 1,000 tablets $3.

SULPHATE OF AMMONIA. The most concentrated nitrogenous top-dressing on the market. Contains ammonia in a form quickly available but not readily leached from the soil. It is fine and dry, and easily spread by hand or by drill. The crop-producing power of the ammonia is equal to that of any fertilizer. 25 lbs. $1.50, 100 lbs. $4.50, 500 lbs. $20, ton $60.

SULPHATE OF POTASH. Highly recommended for all acid-loving plants such as rhododendrons, azaleas, and kalmias. Sprinkle around plants and water in thoroughly. 5 lbs. 75 cts., 25 lbs. $1.75, 100 lbs. $6.

SUPER PHOSPHATE, High Grade. Apply 1,000 pounds to the acre. Used for mixing with other fertilizers to increase the phosphoric-acid analysis. In 100-lb. sacks only. 100 lbs. $2, 500 lbs. $8.75, 1,000 lbs. $14, ton $25.

TANKAGE (Blood and Bone). Similar in general effect to bone-meal, yielding lime and phosphoric acid. Used largely by the greenhouse man, and is excellent for grape-vines. Allow 3 ounces per square yard (1,000 pounds to the acre) and rake in. 100 lbs. $4, 500 lbs. $20, ton $70.

TOBACCO FERTILIZER. For lawns, vegetables, and farm crops. In addition to its value as a fertilizer, it discourages many soil-pests, such as beetles, ants, cutworms and snails. A slow-acting fertilizer, rich in potash. Use from 2½ to 3½ tons per acre, 1 to 1½ lbs. to the square yard. 100 lbs. $4, 500 lbs. $17.50, ton $60.

TOBACCO STEMS. Placed around the roots of roses and other plants; occasionally recommended as a dressing for grass over winter. Feeds the plants, protects against cold, retains moisture, deters insects. Use from 2½ to 3½ tons per acre; 1 to 1½ pounds to the square yard. 100 lbs. $3.75, 500 lbs. $16.25, ton $55.

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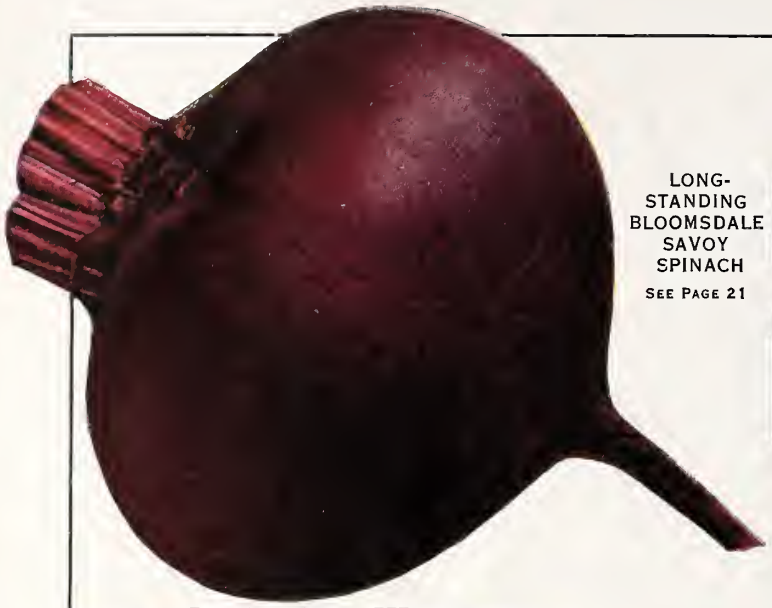

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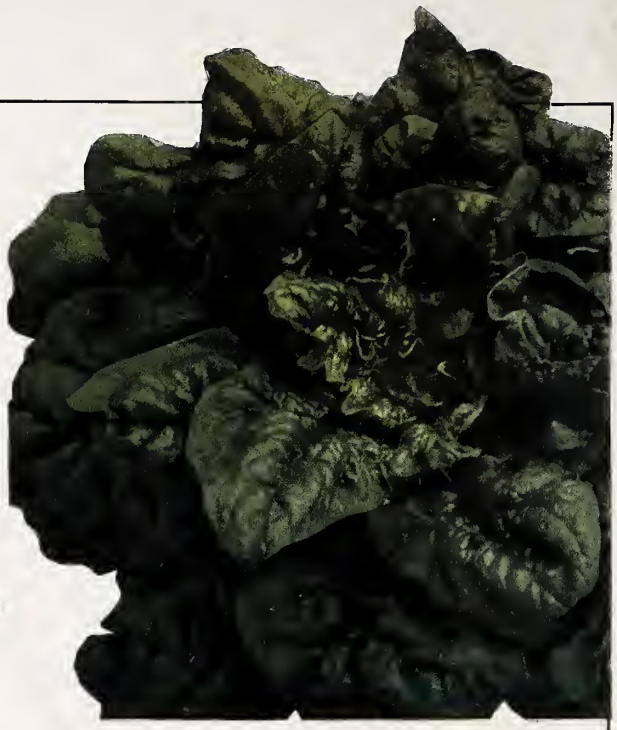

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